



GOVERNMENT OF MALTA
MINISTRY FOR EDUCATION
AND SPORT

Option Subjects 2022-2023

A handbook for Year 8 students

**Special thanks to all who contributed towards
the compilation of this Handbook.**

FOREWORD

Education plays a very important role in a student's life. Over the years, experience has taught us that students learn in different ways; some students are academically oriented, while others learn more through practice. It is for this reason that the Ministry for Education launched the My Journey vocational pathways during 2019. My Journey rests on three pillars, which are the Academic, Vocational and Applied methods of teaching and learning. Education nowadays is no longer a 'one size fits all system', but has adapted to the different learning styles of our students.

Throughout the years, the Ministry for Education felt the need to invest in an educational system whereby students, besides studying the main subjects at school, are also offered different option subjects at Year 9. The handbook provides information about all the option subjects students can choose from during their educational journey in compulsory schooling.

Besides this, students are also assisted holistically through a number of guidance and support services which are available to students and parents within our schools and colleges. One of the services which plays a crucial role in bridging education with the world of work is the career guidance service. The career guidance service complements the curriculum through a number of careers-related initiatives whereby students are helped to understand the relevance of the subjects they study at school to the world of work.

The Option Subjects Handbook is a joint collaboration between the National School Support Services and the Directorate for Learning and Assessment Programmes, Ministry for Education and Sport. It aims to facilitate the transition of the student from middle school to secondary school. We urge all Year 8 students to read it, together with their parents and seek assistance by career guidance professionals where necessary, in order to make the decision which best reflects the respective strengths and abilities of each student.

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INTRODUCTION

As a middle school student, it is now the time to start thinking about your future. One of the decisions you shall be making is the choice of option subjects. This booklet has been specifically prepared to provide you with information on the different subject options. It also includes a section which refers to several points you need to consider when making such an important decision.

Keeping in mind that you will be studying these subjects for the coming three (3) years, it is of utmost importance that you take this decision seriously. This should not worry you, because you will find the necessary support in order to help you make this decision both at school and also within your college. Career advisors, guidance teachers and subject teachers, amongst others, will be preparing a specific choice of subjects programme to help you make an informed choice. This means that you need to gather as much information as possible before making the final decision about your two (2) option subjects.

The sections which will follow provide you with this information and will guide you throughout this decision-making process. We wish you every success in this educational journey.

Dorianne Gravina & Lorraine Grech Aquilina
Education Officers
Career Guidance

HOW TO MAKE A DECISION

Before you make a decision, you need to consider the following:

THINK ABOUT YOURSELF:

- Which subjects do you enjoy studying?
- What are the things you enjoy doing?
Eg: do you like practical activities, artistic projects (like music or painting), reading or writing, learning languages, helping people, being outdoors, designing projects, fixing gadgets?
- What are your future aspirations?

CONSIDER THE FOLLOWING STEPS TO MAKE AN INFORMED DECISION:

1. Look at all the subjects in this booklet, not only those that interest you:
 - There are no subjects for boys and subjects for girls.
 - Choose the subjects which are in line with your career aspirations.
 - Choose subjects that keep your career options open.
2. Gather relevant information from competent and professional individuals:
 - What does studying the subjects involve?
 - Where do these subjects lead to in terms of career opportunities?
3. Compare the information you gathered and weigh the pros and cons of every choice.
4. Take a decision, stick to it and make it happen.

KEEP IN MIND THAT YOU SHOULD NOT CHOOSE A SUBJECT BECAUSE:

- your friend is choosing it – it might be right for them but not for you – you will be studying it.
- you like the teacher – the teacher might change.
- there isn't much HW – it is not always the case.
- people say it is an easy subject – there is no easy subject. Likewise, there is no difficult subject.
- you were advised to choose it, but you do not like it.

CHOOSE A SUBJECT WHICH:

- you like and you are good at – you are more likely to obtain better grades in subjects that you enjoy and are good at
- you enjoy studying – picture yourself studying for three years a subject you do not like
- you need – if you know what career you want, choosing the right subjects is crucial

Always discuss this decision with your parents/guardians, teachers and career professionals.

PERSONAL REFLECTION ABOUT MY CHOICE

- Speak to your family members and your teachers about your choice.
- Make sure that your interests and skills match with the subjects you are choosing.
- Check all marks obtained in the past. Do not look only at the last mark obtained.
- Check which career paths and post-secondary courses the subjects will lead to.
- Other subjects including English, Maltese and Mathematics are important as well.
- Show interest and commitment in the subjects you choose.
- The final decision is ultimately yours.

Tick/Fill in the boxes which apply to you:

I am choosing these subjects because...	
I like them	
They are easy	
My family can help me	
My friends chose them	
My siblings chose them	
My parents/guardians want me to choose them	
I need them for my future career	

Things I like to do...	Things I don't like to do...

My skills are...			
I am patient		I am good in manual work	
I have a good memory		I am good in sport	
I like to read and write		I am good in planning	
I like to meet people		I can lead an activity	
I am creative		I am attentive to detail	

Who can I speak to about my choice?	
Parents/Guardians	
Guidance Teacher	
Career Advisor	
Teacher/s	
Head of School	
Siblings	
Friends	

CAREERS THAT INTEREST ME:

SOME GENERAL INFORMATION

THE FOLLOWING ARE THE SUBJECTS YOU WILL BE STUDYING FROM YEAR 9 – YEAR 11:

English
Maltese
Mathematics
Physics
The language you chose in Year 7
Social Studies (General)
History (General)
Geography (General)
Physical Education
Information Technology
Religious Studies/Ethics
Personal Social and Career Development
Option 1 (4 lessons per week)
Option 2 (4 lessons per week)

KEEP THE FOLLOWING IN MIND:

- **Academic** subjects focus on theory but also include a practical aspect.
- **Vocational** subjects include both theoretical and practical aspects.
- **Applied** subjects focus on a more practical hands-on approach with supporting theoretical aspects.

ACADEMIC SUBJECTS

Art

General introduction to the subject:

- Art is a non-verbal universal means of communication;
- It is a non-discursive mode of knowing, through aesthetic, perceptual, technical, personal and social aspects;
- Through Art, you learn how to look, understand, criticise, evaluate and use visual information in order to be able to create your own artworks;
- The Art lessons provide hands-on opportunities to explore feelings, personal expression as well as one's imagination and experiences about life situations;
- Art challenges the learners to become aware of their identity, social issues and life

Topics studied:

- The creative process of developing Art; accepting creative risks and failure
- The learning benefits of keeping an Art Journal and Portfolio
- Art in context: Connecting art appreciation and art making cross-curricular and to issues concerning local and international environment, cultures and social aspects
- The role + functions of local and international historical and contemporary Art + Artists
- Participating in and/or setting up an Art exhibition
- Visual Literacy
- Using the collection of art museums

Class activities involved:

- Appreciation, interpretation and evaluation of one's own and others' works of art
- Creating art through various techniques and materials, e.g. drawing, painting, sculpting, printing, collaging etc....
- Sketching from observation of objects, people and surroundings
- Collaborating on Art Projects
- Communicating through discussions about aesthetic values of different cultural and social contexts
- Exhibiting artworks
- Keeping an Art Journal and an Art Portfolio

Homework assigned:

- The Art Homework can be in the form of a research and the preparation of sketches for the following lesson/project. This is included in the Art Journal and presented as part of your creative process.
- The Art Homework can also involve the finishing of an artwork started in class and a written self-evaluation about its creative process on the Art Journal.

Assessment given:

- The Art Journal, including sketches from observation and imagination, written notes and self-evaluations, experimentation and research work with relevant images.
- The Art Portfolio, including the creative progress of complete schoolwork and homework, through a variety of themes, techniques and materials.
- Coursework indicating a personal creative journey to realise a final artwork inspired by a specific theme, through the documentation of generated ideas, research and experimentation with several interpretations and materials.
- Effort in collaborating with others.
- Commitment to participate and come up with innovative ideas

Skills acquired while studying the subject:

- Higher-order Thinking
- Personal and Social
- Visual Literacy
- Communication
- Researching
- Interpretation and Evaluation
- Exhibition set-up
- Constructive criticism
- Problem-solving
- Creativity
- Public speaking
- Art Technical skills, eg. Sketching, drawing, painting, sculpting, collaging, printing, pottery
- Observation
- Decision-making
- Digital
- Risk-taking
- Innovation
- Design (for tentative planning)
- Documenting

Skills required to study the subject:

- self-motivation
- hard-working
- willingness to explore
- collaborative
- internet use
- research

This subject can lead you to the following Career Paths:

Architect	Art Teacher	Art Historian	Designer (eg. Interior, Fashion, Video Game)
Artist	Art Therapist	Art Curator	Photographer

Biology

General introduction to the subject:

Biology is the study of life. The subject focuses on principles and basic structures of life, functions of life, the environment, relationships between organisms and human impact on the environment, evolution and diversity and the science of the living world. The three-year course is divided into 8 learning outcomes which reflect the subject foci listed above. All the learning outcomes have a controlled section which will lead to a final SEC written examination as well as coursework. The coursework will carry 30% of the total mark.

The Biology option coursework will also include problem solving investigations, practical sessions, fieldwork exercises and visits to sites of biological significance.

During the three-year programme students acquire knowledge and understanding of the diverse basic sections of Biology as listed above. Students will also learn to distinguish between the personal, social, political, economic and environmental implications of Biology. Students will develop a scientific approach as well as acquire a range of manipulative and communicative skills.

List of topics studied:

The Biology course includes a variety of topics. One of which Cytology which is the study of cells. The Anatomy (structure) and Physiology (how the structures work) of several organisms including animals and plants are also studied. Relationships and associations within the environment are other topics within the syllabus. Also studied is how human beings affect the environment.

Class activities involved:

Classwork, practical work, investigations and inquiry-based activities. Students will go on fieldwork, and site visits. Students are expected to present 5 assignments throughout the three years, two in the first and second year while one in the third year. One problem solving investigation and fieldwork along with two experiments are two mandatory assignments. Other assignments chosen may include site visits, experiments and projects as well as other problem-solving investigations and fieldworks.

Homework assigned:

Reports on practical work, investigations, fieldwork and projects. Homework might also include a report to a site visit, questionnaires, presentation and other work related to Biology.

Assessment given:

Assessment is formative and summative. Including work related to homework, practical work, investigations and other practical related work. At the end of the year, final summative assessment includes 30% assignment work and 70% final exam.

Skills acquired while studying the subject:

- observational skills – attention to detail
- interpretation skills
- practical scientific skills
- problem solving skills
- communication skills including writing reports skills
- mathematical skills
- Information technology skills including the use of data loggers

Skills required to study the subject:

- mathematical skills
- basic communication skills

This subject can lead you to the following Career Paths:

Medical/Health Field	Environment/Nature Conservation Field	Biotechnology	Agriculture/Food Science Field
Research/Scientist	Biology/Health Communication Field	Pharmaceutical Field	Science/Health Educator



Chemistry

General introduction to the subject:

Chemistry involves a dynamic and engaging study of the material world. It is a field of human endeavour based on the broad understanding of physical concepts and models which are united by common procedural and intellectual processes. Chemistry and the work of chemists have a profound impact on the environment, quality of life and on social and cultural practices.

(2025 Chemistry SEC06 Syllabus, MATSEC, UM)

Topics studied:

- Materials from the Earth – The Atmosphere
 - Describe and explain the properties of gases that may be found in air and how to prepare them in the lab.
- Materials from the Earth – Aquatic environments
 - Describe the solvent action of water including the impact of water hardness.
 - Describe the chemical properties of acids, bases and salts.
 - Describe the conduction of electricity through solutions and molten salts.
 - Describe the major groups of the periodic table including their physical and chemical properties.
 - Describe how substances dissolved in water can be identified and how their concentration can be measured.
- Materials from the Earth – The Land
 - Describe how different rocks contain important substances, their extraction, chemical nature, responsible use and environmental impact.
- Making New Materials: How fast? How far? How much?
 - Describe how and why physical and chemical changes happen.
 - Perform quantitative calculations.
 - Investigate why and how chemical reactions proceed at different rates.
 - Describe dynamic equilibria and the conditions needed to shift a reaction in equilibrium.
- Carbon compounds from the Earth – Meeting our energy needs.
 - Describe the chemical nature of crude oil and the substances obtained from it.
 - Distinguish different homologous series and their physical and chemical properties.
 - Describe the energy changes accompanying chemical changes

Class activities involved:

- Theoretical lessons
- Laboratory practice
- Investigative laboratory practice
- Site visits
- Fieldwork
- Projects
- Research
- Presentations

Homework assigned:

- Variety of tasks intended to sustain class learning
- Routine laboratory reports
- Investigative laboratory reports
- Site visit reports
- Fieldwork reports
- Project reports
- Research-related tasks
- Preparation of presentations

Assessment given:

- Homework
- Classwork
- Laboratory reports
- Investigative laboratory reports
- Site visit reports
- Fieldwork reports
- Presentations

Skills acquired while studying the subject:

- Acquire a knowledge of basic chemical concepts and an understanding of chemical principles and patterns.
- Pursue my studies in chemistry or related subjects further.
- Appreciate that chemistry is a dynamic and evolving subject and that its principles and theories may change.
- Be aware of the importance of adopting the scientific method of investigation.
- Develop relevant practical skills whilst having due regard to correct and safe laboratory practice.
- Develop experimental and investigative competences.
- Develop abilities to:
 - form hypotheses and design experiments to test these hypotheses.
 - organize, interpret and evaluate chemical information in order to draw conclusions, make decisions and/or solve problems.
 - communicate chemical knowledge and findings in appropriate ways.
- Apply the chemical knowledge and understanding to familiar and unfamiliar situations.
- Develop an appreciation of the environmental and technological applications of chemistry and related economic, ethical and social implications.

(2025 Chemistry SEC06 Syllabus, MATSEC, UM)

Skills required to study the subject:

- A good command of the English language
- Basic mathematics that includes:
 - the ability to perform simple arithmetical processes such as addition, subtraction, multiplication and division of quantities expressed in decimal form, as fractions, or in index notation.
 - the ability to calculate volumes; simple percentage calculations; calculations involving ratios and proportion.
 - the ability to use and interpret simple graphs, carry out extrapolations and interpolations and measure gradients.

(2025 Chemistry SEC06 Syllabus, MATSEC, UM)

This subject can lead you to the following Career Paths:

Research & Development	Quality Control	Manufacturing	Environment
Education	Regulatory (Law and Policy)	Medical Representative (Sales & Marketing)	Health/Medical

More on career paths at:

<https://edu.rsc.org/future-in-chemistry/career-options/job-profiles>

Computing

General introduction to the subject:

Computing is a scientific subject covered over three years that prepares candidates for further studies in the various fields of IT, such as Computing/Hardware Engineering, Software/ Game Development and Artificial Intelligence to name a few. Computing provides candidates with necessary skills required for life. Most prominently, it strengthens logical thinking and problem-solving skills. The number of jobs that require the skills acquired during Computing lessons is set to increase dramatically in the future. Besides being a scientific subject, Computing combines art, logic, storytelling and business.

Learn Computing and the digital world is yours for the taking!

Topics studied:

- Introduction to Computer Systems
- Principles of Computing, Software and Hardware
- Understanding the Digital World and Machine Logic
- Communication Networks and Internet technologies
- Problem Solving and Programming
- Robotics and Automation
- Data Privacy and Security

Class activities involved:

Computing is a subject that requires both theory and practice. Class activities which involve robotics and programming, using both visual and non-visual computer languages, enforce the theoretical side of the subject.

Homework assigned:

During Computing, students are expected to carry out tasks at home as a continuation of what happens during class time. The tasks range from traditional worksheets to multimedia content such as basic game and software development assignments.

Assessment given:

During the three years of the course students are expected to carry out various tasks, including: Automation using Robotics, Software Development and Research Work.

Skills acquired while studying the subject:

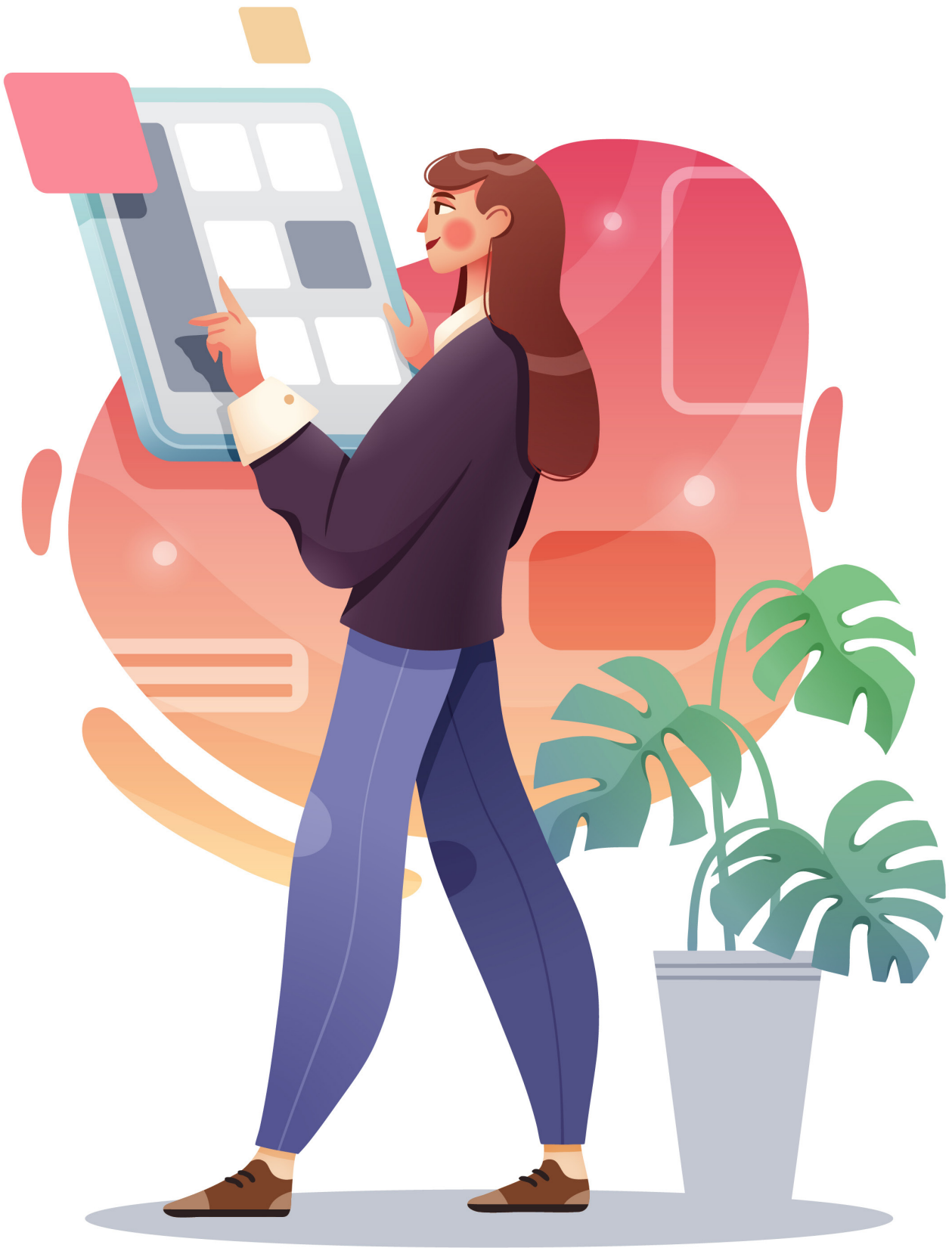
- Digital Competencies
- Problem solving and logical thinking
- Computational-thinking
- Programming

Skills required to study the subject:

There are no specific requisites, but the nature of this subject entails that students understand English and are proficient in subjects that require logical thinking such as Mathematics and Physics.

This subject can lead you to the following Career Paths:

Software Engineer	Computer Technician	Teacher in Computing	Database Administrator
Game Developer	System/Business Analyst	Programmer	Network Engineer



Design and Technology

General introduction to the subject:

D&T is a STEM subject which focuses on applied technology through designing physical solutions for human needs, creativity, entrepreneurship and innovation. Learning is done through research about technology and human needs, solving design problems, proposing a technical solution through sketches and build prototypes. Students apply their knowledge and skills by constructing solutions in a workshop environment and critically evaluate each-other's work, self-development and product testing.

Topics studied:

Students will learn the Design Aspects topics through projects in the Technology Aspects topics, shown below.

- Design Aspect
 - Design Process and Innovation
 - Data and Research
 - Critical Thinking & Sustainability
- Technology Aspect
 - Materials and Making (mainly Plastics, Wood, Metals, smart-Materials and fibres)
 - Systems and Control (system design, electronics, Digital microcontrollers, mechanism, structures)
 - Graphics (2D, 3D, CAD-CAM, Aesthetic & graphic design)
- Health and Safety within the above aspects.

Class activities involved:

- Practical tasks to explore technological principles.
- Short Design and make projects with electronics, materials, graphics, product design, 3D printing and CAD CAM.
- Writing Design folio documentation.
- SEC final iterative project in year 10 and 11. (Proposal and Prototype)
- All sessions are held in a D&T Lab where students learn by doing.
- All project technical construction is done at school, using materials and equipment provided.

Homework assigned:

Most projects require students to research project information at home, design solutions through sketches, using CAD software, see related videos, compiling a design folio.

Assessment given:

Currently students are assessed 50% for their project work and 50% for their final examination. Half yearly exam is not done in Year 7 and 8, while in year 9, 10, 11 this is optional for each school. Thus, an ongoing component is always done through design and make projects, which is also used as part of the annual exam assessment.

Skills acquired while studying the subject:

- Thinking skills, problem solving, entrepreneurship
- Technical skills in applying project work.
- Communication skills in presenting ideas
- Research skills, etc.

Skills required to study the subject:

- At year 7, students need to have a basic literacy and numeracy level.
- At year 9 students need to have the basic course covered in year 7 and 8 (offered to all learners) as a prerequisite.
- At year 10 students need to be creative and propose an idea of their own for the Sec proposal project.
- Any learner with any learning or physical disability may still follow this course with success as long as they respect health and safety rules in the labs.

This subject can lead you to the following Career Paths:

Architect	Designer (Product, Interior, Graphic)	Technologist/Technician (Medical Electronics, Robotics & Aviation/ Aircraft sevicng)	Skilled Person (Mechanic, Carpenter, Plastics Industries, Electrician, Maintenance)
Engineer	D&T Teacher	Technology Entrepreneur	CAD-CAM, CNC Operator

Geography

General introduction to the subject:

Geography enables us to understand the Earth we are living in. It allows students to explore and understand the relationship between human beings and the Earth through the study of space, place and the environment. Geography develops in students an interest in and a sense of wonder about the place where they live in and of other places and people. This is done by studying different environments, the processes that shape our world, and how people and environments inter-relate and interconnect. Geography enables students to become informed, responsible and active global citizens by fostering an appreciation of environments, thereby enhancing a sense of responsibility for other people and the long-term sustainability of the planet.

Topics studied:

- Map Reading (interpreting maps of different scales)
- Weather and Climate (observation and simple weather forecasting, rainfall, tropical storms)
- Physical Geography – Volcanoes, Earthquakes, Coasts, Rivers, Rocks, Biomes
- Human Geography – Energy resources, Population, Settlement, Industries
- Environmental Issues – Climate Change, Acid Rain, Pollution, Deforestation

Class activities involved:

Map Reading activities, photo analysis, debates, quizzes, role play, presentations, participation in co-curricular projects, experiments, watching videos and commenting on them, use of software such as Google Earth to locate places.

Homework assigned:

Different forms of tasks aimed at assessing the knowledge, understanding and skills outlined in the syllabus and may include research work on particular case studies, and site visits, labelling and sketching of diagrams, structured questions requiring short answers, analysis of data collected for fieldwork and reports, map reading and interpretation.

Assessment given:

Year 9: An end of year exam of 1 hour 30 minutes. One school-based assessment (presentation, site visit report, case study research).

Year 10: An end of year exam of 1 hour 30 minutes and a fieldwork report.

Year 11: A mock exam of 2 hours. One school-based assessment (presentation, site visit report, case study research).

Skills acquired while studying the subject:

- Map reading and interpretation skills
- Field-work skills (observation, gathering of primary data, analysis of data, presentation of results).
- Research skills (from books, textbooks and various digital media)
- Oral presentation skills
- Interpreting graphs and statistical data
- Problem-solving and decision-making skills
- Analytical skills
- Communication skills

Skills required to study the subject:

- Basic Mathematical skills (e.g. reading graphs)
- Good command of the English language
- Able to be creative

This subject can lead you to the following Career Paths:

Geologist/Archeologist	Green Careers/Agriculture	Meteorologist	Transport sector
Tourism sector	Geography Teacher	Planning, Environment, & Nature Conservation	Navigation & Armed Forces



Graphical Communication

General introduction to the subject:

Graphical Communication is described as an international language because with the use of drawing, one can surmount any language barrier. This subject is mainly composed of practical draughting tasks, where students explore a wide variety of communication skills related to design.

Topics studied:

- Geometry
- Pictorial drawing
- Orthographic projection
- Graphic design
- Solid geometry

Class activities involved:

- Geometric constructions, shapes and patterns
- Colouring and rendering of drawings
- Problem solving and planning drawing projects
- Hands-on practical modelling tasks
- Simple architectural drawings
- Engineering and machine drawings

Homework assigned:

- Homework as a continuation of class work
- Special homework that enables students to further their design skills
- Project work that challenges students to explore new and original ideas

Assessment given:

- Class tests
- Timed tasks
- Group work
- Project work

Skills acquired while studying the subject:

- Presentation & neatness
- Draughting dexterity
- Spatial awareness
- Psychomotor coordination

Skills required to study the subject:

- Mathematical skills
- Artistic/creativity skills
- Problem solving skills

This subject can lead you to the following Career Paths:

Architect	Engineer	3D Product Designer	Logo Designer
Interior Designer	Art and Design	Land Surveyer	Printing Manager



History

General introduction to the subject:

The teaching of the subject aims to stimulate interest in and enthusiasm for the study of human activity in the past, linking it with the present. Students become acquainted with the question 'How do we know?' through the investigation of various types of primary and secondary sources and at the same time develop lifelong educational skills and competences.

Topics studied:

Half of the topics studied are about the European/International history and the other half are about Maltese history.

History consists of:

European and International topics:

- Renaissance and Reformation
- The Age of Exploration and Colonisation
- The French Revolution and the Napoleonic Era
- The Unification of Italy and Germany
- The Industrial Revolution
- The Causes of the First World War and the Peace Treaty of Versailles
- The rise of Hitler to power and the Causes leading to the Outbreak of the Second World War
- The Cold War and West European Integration
- The fall of Communism in Eastern Europe in 1989 and its aftermath

Maltese history topics:

- Significant projects and achievements of the Order of St John in Malta
- Problems for the Order in the eighteenth century
- The French invasion and occupation of Malta
- Nineteenth century Maltese political and constitutional development
- Nineteenth and twentieth century social and economic development in Malta
- Malta during the Two World Wars
- Twentieth century Maltese political and constitutional development
- Malta and its foreign policy since Independence

Class activities involved:

- Observing and analysing visual, digital and text primary and secondary sources in the form of historical maps, portraits, paintings, caricatures, document extracts, reports, statistical data, graphs, video clips etc.
- Individual, pair or group work tasks involving source analysis, interpretation, extrapolation; questioning techniques aimed at enhancing historical thinking;
- Class discussions; workout worksheets; creative writing; note-taking; oral presentation; communicating history.

Homework assigned:

Selected reading from textbooks and other material provided by the teacher; guided online research related to the syllabus; graded worksheets aimed at assessing knowledge, understanding of concepts and skills in the subject; creative writing skills in the form of summaries, fact sheets, paragraph or essay writing, usually at the end of the topic.

Assessment given:

Formative assessment is practiced during lessons where students' input in their classwork and homework is discussed in class;

Individual assessment when the teacher evaluates work done by the students and a mark or a grade is given at the end of each topic covered.

Skills acquired while studying the subject:

- analyse primary and secondary source to establish their reliability, objectivity, bias, omissions, perspective, interpretation;
- understand and interpret data in historical maps;
- develop and master an understanding of historical chronology and sequencing;
- develop an awareness of change and continuity over the passage of time;
- understand the connections between motives, cause and effect when analysing significant historical events;
- identify similarities and differences between different periods in history;
- to develop historical empathy with people in the past during their everyday life and during significant events;
- learn to integrate Malta's history within a wider international context.

Skills required to study the subject:

- an adequate level of reading, understanding, and writing in Maltese and English;
- confidence to express oneself orally or in writing when communicating history;
- basic research skills from books and the Internet;
- organisation and presentation skills when designing digital or printed projects.

This subject can lead you to the following Career Paths:

Diplomacy/Foreign Relations	Curator in a Museum	Tourist Guide	Archeologist
Archivist	Conservator	Journalist	History Teacher

Home Economics

General introduction to the subject:

Home Economics (HE) incorporates the learning and mastery of knowledge, skills and competences related to food, finance, consumer, health and environment. These seek to develop confident independent learners through the promotion of well-being for learning and for life. Home Economics aims to empower learners to lead effective sustainable lives, not only as individuals, but also, as members of a family and the community, within the context of a culturally, socially and economically diverse society.

Whilst Home Economics is offered at an academic level, a more applied version of the syllabus which is less theoretical and more hands-on is available to students following the Core Curriculum Programme (CCP) in Year 9, Year 10 and Year 11.

Topics studied:

Home Economics is based on the following subject foci:

- Food, Nutrition and Health includes the nutrients, healthy lifestyle, food commodities, food production, processing, preservation, labelling, cooking methods and planning meals for different dietary needs. Practical Interventions include the planning, preparation, cooking, serving of food and the evaluation.
- Family Well-Being includes the family unit, child care and development, senior citizens in society, first aid and accident prevention.
- Financial Literacy and Consumer Education includes consumer rights and responsibilities, needs and wants, budgeting, shopping practices and methods of payment.
- Sustainable Living and Effective Management of Resources includes the efficient use of resources, respecting the environment, separation of waste, food miles, carbon footprint and food waste.

Class activities involved:

Class activities may be carried out on an individual and/or group level. These include brain storming, case scenarios, discussions, quizzes, experiments, research, presentations, investigations, demonstrations and practical sessions.

Homework assigned:

Home work may include creative work, planning for and evaluating a practical session, research and tasks related to the different topics.

Assessment given:

Home Economics uses a variety of assessment modes which include practical assignments, short tasks and investigation work to allow assessment of knowledge, skills and competences with emphasis on formative assessment. Through this on-going assessment the teacher and the learner can determine the progress achieved. Feedback given by the teacher will help the students to improve their work and reach the objectives set. A summative assessment is also used to provide the teacher and students with information to evaluate student learning, skill acquisition and academic achievement.

Skills acquired while studying the subject:

Home Economics gives the students practical experience as well as relevant and transferable skills associated with:

- communication and collaboration
- measurement
- planning, organisation and prioritising work
- experimentation and investigation
- decision-making and problem-solving
- flexibility/adaptability
- creativity and attention to detail
- the use of digital technology

Skills required to study the subject:

- organisation and planning
- ability to research
- creativity

This subject can lead you to the following Career Paths:

Home Economics Teacher	Careers in Health & Social Care	Careers related to Food and Nutrition	Careers in Food manufacturing and production
Careers in Health Promotion	Child Carer	Chef	Careers in Elderly Care

Physical Education

General introduction to the subject:

SEC Physical Education incorporates three main components, namely the practical area (45%), the theoretical area (40%) and a portfolio (15%) that includes three assignments. Directly related to the world of sport, it offers students a detailed insight into various disciplines from a technical aspect as well as a thorough knowledge of the body requirements to perform physical activity.

Topics studied:

- Athletics, Swimming, Gymnastics/Dance, Team Games
- Rules & Techniques
- Health & Fitness
- Body Systems & Performance
- Sport in Society

Class activities involved:

Various practical sessions depending on chosen disciplines as well as theoretical sessions to deal with the respective components. On most occasions a link is established between the work done in the practical sessions and that done in the classroom.

Homework assigned:

Three projects (Interview, Scouting Report, Skill Analysis) are to be carried out over three years together with a number of homework assigned to consolidate the theoretical areas covered. Regular practice in the practical areas chosen is highly recommended.

Assessment given:

Regular tests and examinations, both in the practical and theoretical areas.

Skills acquired while studying the subject:

- Able to prepare well ahead of a performance.
- Knowing how the body works during physical activity.
- Achieving a higher level of performance.

Skills required to study the subject:

- General good disposition towards sport.
- A good standard of English.
- Being willing to work hard outside school hours in the practical disciplines chosen.

This subject can lead you to the following Career Paths:

Fitness Instructor	Sports Coach	PE Teacher	Sports Photographer
Sports Physiotherapist	Sports Nutritionist	Sports Reporter	Sports Policy Coordinator



Social Studies

General introduction to the subject:

Social Studies tackles contemporary social issues with particular reference to Maltese society within a Euro-Mediterranean and global perspective. It aims to apply sociological knowledge to real life situations while interpreting data, both textual and graphical. Awareness of issues relating to sustainable development, gender inequality, multiculturalism and political, religious, and racial discrimination are also an integral part of Social Studies.

Topics studied:

- The Self
- Politics
- Culture
- Gender
- Education
- Family
- Sustainable Development
- Globalisation
- Health
- Religion
- Population
- Crime and deviance
- Social Exclusion and Social Welfare
- Media
- Youth
- Economy, Work and Leisure

Class activities involved:

Class activities involved include discussions, research, debates, video critiques, field works and interviews.

Homework assigned:

Essays, research, discussion preparation and field work journals

Assessment given:

Ongoing assessments.

Skills acquired while studying the subject:

- discussion techniques
- essay writing
- awareness of social issues
- respect towards diverse opinions and values of multiculturalism

Skills required to study the subject:

- writing techniques
- discussion techniques
- social awareness
- will for a better world

This subject can lead you to the following Career Paths:

Journalist	Police Officer	International Relations Officer	Social Worker
Armed Forces Officer	Human Resource Officer	Sociologist	Law Related Jobs



Accounting

General introduction to the subject:

Accounting is a very popular subject nowadays. It opens up many job opportunities such as accounts clerks, accountants, auditors, banking, insurance and stockbrokers. These are all in great demand. Accounting is the language of a business. Through Accounting we communicate with stakeholders about the profit of a business and what it owns and owes. Accounting includes financial literacy and entrepreneurship competences.

Topics studied:

- Double entry
- Final Accounts
- Day Books, Cash Book, Petty Cash Book
- Accounting Concepts
- Bank Reconciliation Statements
- Depreciation
- Irrecoverable Debts and Allowance for Doubtful Debts
- Correction of Errors
- Suspense
- Single Entry and Incomplete Records
- Non-Profit Making Organisations
- Manufacturing Accounts
- Accounting Ratios

Class activities involved:

- Direct questioning
- Quizzes
- Monopoly game
- Projects
- Groupwork activities
- Use of Interactive Whiteboard tools
- Written classwork exercises
- Debates
- Visits to financial institutions and business organisations
- Individual presentations – oral, written, digital
- Group presentations – oral, written, digital
- Practicing on an accounting software
- Evaluating exercises and case studies
- Self/peer reviews
- Discussions
- Role plays
- Exhibitions

Homework assigned:

- Written exercises to re-inforce work done in class
- Research at home through internet, books
- Research by asking professional advice at the industry
- Practise and revision of topics done at school
- Project task as a group
- Project task as an individual
- Written, oral and digital presentations both at individual and group level
- Practicing on an accounting software

Assessment given:

- Formative and summative assessment
- Ongoing assessed tasks such as written exercises, research tasks, presentations: at home
- Ongoing assessed tasks such as written exercises, research tasks, presentations: in class
- Annual exam
- Peer assessment on a presentation task – entrepreneurship and financial literacy task
- Write up of project tasks – written and/digital
- Oral presentation

Skills acquired while studying the subject:

- Book-keeping
- Accounting
- Analysis
- evaluation
- Interpretation
- Decision-making
- Problem solving
- Critical thinking
- Presentation
- Communication
- Groupwork
- Collaboration
- Resilience
- Time management
- Organisational skills
- Planning
- Negotiation
- Attention to detail, accuracy
- Listening skills
- Self-motivation skills
- Management
- Ethical, dignity and compliance
- Financial literacy
- Entrepreneurship

Skills required to study the subject:

- Basic English level
- Basic numerical level
- Basic IT skills
- Organisational skills
- Self-motivation skills
- Time management skills
- Teamwork skills
- Resilience

This subject can lead you to the following Career Paths:

Accounts Clerk	Accountant	Auditor	Stockbroker
Accounts Teacher	Audit Assistant	Financial Controller	Banker

Business Studies

General introduction to the subject:

Business Studies is an investment in your future. It is a life learning subject. It is practical as it related to your personal life both at home and at work.

It includes financial literacy, banking, preparation for interviews, how a business works and what is needed to keep it successful and competitive, entrepreneurship and creativity. Business Studies includes purchasing, production, marketing, research and development, human resource and finance.

Job opportunities include management, accounting, banking, insurance, economics and marketing.

Topics studied:

- The business environment
- Business structure and organisation
- Elements of business activity
- Human Resources
- Communication
- Aiding, regulating and controlling business
- Purchasing
- Production
- Marketing
- Finance
- Research and Development

Class activities involved:

- Direct questioning
- Quizzes
- Group work
- Use of interactive whiteboard tools
- Written exercises
- Presentations: individual and group work
- Role plays
- Demonstrations
- Visits to financial institutions and business organisations
- Debates
- Evaluating case studies
- Self/peer reviews
- Discussions
- Exhibitions
- Business games

Homework assigned:

- written tasks
- practise and revision of topics done at school
- research on internet, books, articles, magazines, newspapers etc
- research at work places
- project – year 9
- project – year 10 – on Entrepreneurship and Financial literacy topic
- project year 11 – Sec 15%

Assessment given:

- formative and summative assessment
- ongoing assessed tasks such as written exercises, research tasks, presentations: at home
- ongoing assessed tasks such as written exercises, research tasks, presentations: in class
- annual exam
- peer assessment on a presentation task – entrepreneurship and financial literacy task
- write up of project tasks – written and/digital
- oral presentation

Skills acquired while studying the subject:

- numeracy and literacy skills in the interpretation of data
- business hard skills
- analysis
- evaluation
- interpretation
- decision-making
- problem solving
- critical thinking
- presentation
- communication
- teamwork
- collaboration
- organisational skills
- planning
- negotiation
- attention to detail
- listening skills
- motivation
- management
- ethical, dignity and compliance
- financial literacy
- entrepreneurship

Skills required to study the subject:

- basic English
- basic numerical skills
- basic IT knowledge
- creativity and innovation
- presentation skills
- communication skills
- teamwork skills

This subject can lead you to the following Career Paths:

Accountant	Business	Insurance Broker	Self Employed
Banker	Manager	Marketing Officer	HR Officer

European Studies

General introduction to the subject:

European Studies offers the candidates the opportunity to improve their knowledge of Europe in the light of the broad spectrum of cultures, and the perspectives arising from this multicultural diversity. Europe is studied within a wider, international and global perspective with particular reference to the Euro-Mediterranean dimension, human rights and citizenship.

Topics studied:

- Law and Government
- Human Rights
- Conflicts and resolutions
- European Citizenship
- European Institutions
- Welfare State
- European Economic Development
- Population, Demography, Migration and Diversity
- Tourism
- European Environment
- Cultural Heritage

Class activities involved:

Class activities involved include discussions, research, debates, video critique, field works, interviews, map reading and statistics.

Homework assigned:

Essays, research, discussion preparation, field work journals, and presentations.

Assessment given:

Ongoing assessment

Skills acquired while studying the subject:

- discussion techniques
- essay writing
- awareness of European and social issues
- respect towards diverse opinions and values of multiculturalism

Skills required to study the subject:

- writing techniques
- discussion techniques
- presentation techniques

This subject can lead you to the following Career Paths:

European Studies teacher	International Relations	Careers within the Public Service	Diplomat
Careers within the legal sector	Research Officer	Representative in European Institutions	Careers within the political field

Music

General introduction to the subject:

Music is an artistic field, which incorporates a number of skills that can be transferable to other artistic disciplines and other subjects. The study of music comprises a diversity of applied and academic elements, which includes instrument and vocal studies, music and movement, local and international music cultures, music history and theory, accompaniment, musicianship, music composition, and choir or orchestra conducting.

Topics studied:

- Theory of music which includes the understanding and research of basic harmony, composing, analysis and basic forms.
- Aural Training which includes rhythmic and melodic ear training.
- Musicianship which includes historical background, listening and analysing excerpts of music from different periods and different composers, and know how to express in musical terms thoughts about them.
- Composition and Improvisation which includes the creation of new music and arrangements of existent music, whilst improvising upon a given rhythmic or melodic extract.
- Practical Component which includes repertoire pieces for performing, sight reading, scales and technical exercises.

Class activities involved:

Individual tuition for the practical component in preparation for a performance. Class group tuition for theory and musicianship, and composition which includes interactive software and music technology, listening and analysing excerpts of music from different periods and different composers.

Homework assigned:

Practical component includes studying graded pieces and technical exercises and scales in the instrument. Reading, research, and understanding of content discussed in class. Working on creative and artistic projects, and on theory exercises linked to the practical component.

Assessment given:

Assessment includes continuous assessment throughout the year comprising participation in class, fieldwork, performances and research on topics discussed during lessons. Summative assessment includes annual examination in practical, musicianship and theory components.

Skills acquired while studying the subject:

- Listening skills
- Coordination skills
- Analytical and research skills
- Group performance skills
- Communication skills
- Flexibility and adaptability skills
- Ability to plan
- Ability to accept and learn from criticism
- Organisation skills
- Creativity

Skills required to study the subject:

- Ability to play the instrument chosen at beginner's level (preferably Grade 2)
- Ability to read music and work out simple theory exercises (preferably Grade 2)

- Ability to concentrate
- Ability to listen
- Ability to keep the beat
- Ability to follow a rhythmic pattern and play/tap back
- Ability to sing back a simple melody (pitch)
- Ability to experiment

This subject can lead you to the following Career Paths:

Musician	Orchestra Conductor	Music Teacher	Consultant with a Record Label
Sound Engineer	Events/Concert Organiser	Entertainer in Hotels/ Restaurants	Composer

Arabic

General introduction to the subject:

Arabic is spoken in over twenty countries, from North – West Africa to the Arabian Gulf. the world. This makes it one of the most widely – used languages in the world. It is a Semitic language which is written in a different script thus making it more interesting as you have to get acquainted with a new alphabet.

Topics studied:

- Myself
- Food and drink
- Life at home
- At the clinic
- Jobs
- Leisure
- Shopping
- At school
- Weather
- Transport

Class activities involved:

Interactive games, handouts, discussions, listening comprehensions, language games, videos during culture lessons, Powerpoint presentations.

Homework assigned:

Written exercises, studying, research, projects, Powerpoint, charts.

Assessment given:

Continuous assessment throughout the year as well as tests. Summative assessment at the end of the scholastic year.

Skills acquired while studying the subject:

- Listening
- Reading
- Conversation
- Writing

Skills required to study the subject:

- Listening
- Reading
- Conversation
- Writing

This subject can lead you to the following Career Paths:

Interpreter	Teacher	Tourist Information Agent	Diplomatic Service Officer
Cabin Crew	Tourist Guide	Front Office and Guest Relations Manager	Linguist

NOTE Knowledge of languages is an asset in the employment sector.

French

General introduction to the subject:

French is a major language used for international communication. It is the sixth most widely spoken language in the world. It is one of the official languages in the United Nations, UNESCO, NATO, the International Olympic Committee, the International Red Cross and International courts.

Being able to communicate in French is a career asset since it offers an advantage when looking for a job in multinational companies. More than 220 million people speak French around the world. So why don't you?

The programme helps learners gain knowledge of language and culture that are key to the development of linguistic and intercultural competences. Foreign Languages are key to mobility and employability within today's multilingual society. Learning an additional foreign language enhances learners' plurilingual competences and opportunities within the job market.

Topics studied:

- The programme for Modern Foreign Languages is based on the development of proficiency in the four skills: reading, writing, speaking and listening.
- It helps learners work on level descriptors at levels A1, A2 and B1 of the Common European Framework of Reference (CEFR).
- The programme helps learners familiarise themselves with both language and culture to develop both language and intercultural skills.

Themes

Sociocultural knowledge is to be embedded in teaching and learning.

- Greetings
- Myself and Others
- Leisure, hobbies and interests
- Time and Calendar
- Places (my environment)
- Environmental awareness
- Travel
- Food and drink
- Healthy living/lifestyle
- Use of Media and Technology
- Shops and Shopping
- Work and Job-related matters

Class activities involved:

Activities are aimed at developing both receptive and productive skills: listening, reading, writing and speaking, thus developing proficiency in all four skills. They furthermore foster the development of cultural and intercultural competences. Audio-visual, interactive and digital materials are used for these activities.

Homework assigned:

Learners are encouraged to gain knowledge about the language and to use the language through work conducted during in- and out-of-class tasks. Tasks address both productive and receptive skills. Reading and listening tasks serve as input for further learning as well as for the development of these specific skills. Other tasks are aimed at the development of cultural and intercultural competences. Examples of tasks include: writing tasks, listening and reading comprehensions and project work (e.g. oral presentations, collaborative tasks that integrate the four skills/ that address specific skills).

Assessment given:

Equal assessment of the four skills (A1 to B1 level) based on continuous summative assessment tasks. Tasks also include self-assessment tasks.

Skills acquired while studying the subject:

- Receptive and productive skills; reading, listening, speaking and listening
- Cultural and intercultural skills
- Lifelong learning skills related to foreign language learning to help learners become
- Independent language learners
- Plurilingual language skills
- Skills related to the use of technology for language learning

Skills required to study the subject:

Language skills acquired while learning other languages at school will help the learner to develop the competences required in the four language skills

- reading and listening skills to learn more about the language and gain the input required
- ability to use different media, dictionaries etc. to continue learning beyond classroom time

This subject can lead you to the following Career Paths:

Interpreter/Translator	Teacher	Tourist Information Agent	Diplomatic Service Officer
Cabin Crew	Tourist Guide	Front Office and Guest Relations Manager	Linguist

NOTE Knowledge of languages is an asset in the employment sector.

German

General introduction to the subject:

German is the official language in Germany, Austria and Switzerland. German is spoken by around 120 million people in Europe. German is central not only in the field of engineering and science but also in tourism and the hospitality industry due to numerous tourists from German-speaking countries who enjoy travelling. German has often been referred to as the language of the writers and thinkers.

Learning German helps learners gain knowledge of language and culture that are key to the development of linguistic and intercultural competences. Foreign Languages are key to mobility and employability within today's multilingual society. Learning an additional foreign language enhances learners' plurilingual competences that are highly beneficial within the job market.

Topics studied:

- Greetings:
- Myself and others:
- Leisure, hobbies and interests:
- Time and calendar:
- Places (My immediate environment):
- Environmental awareness:
- Travel:
- Food and drink:
- Healthy living/ lifestyle:
- Use of Media and Technology:
- Shops and shopping:
- Work and Job-related matters:

The foreign language programme helps learners develop language competences in the four skills (speaking, writing, reading, listening).

Class activities involved:

Activities are aimed at developing both receptive and productive skills: listening, reading, writing and speaking. Activities help learners to develop proficiency in all four skills. They furthermore foster the development of cultural and intercultural competences. Audio-visual, interactive and digital materials are used for these activities.

Homework assigned:

Learners are encouraged to gain knowledge about the language and to use the language through work conducted during in- and out-of-class tasks. Tasks address both productive and receptive skills. Reading and listening tasks serve as input for further learning as well as for the development of these specific skills. Other tasks are aimed at the development of cultural and intercultural competences. Examples of tasks include: writing tasks, listening and reading comprehensions and project work (e.g. oral presentations, collaborative tasks that integrate the four skills/ that address specific skills).

Assessment given:

- Equal assessment of the four skills based on continuous summative and formative assessment tasks.
- Tasks address areas that learners are working on to reach the level (formative assessment tasks, self-assessment tasks).

Skills acquired while studying the subject:

- Reading, Listening, Speaking and Listening
- An open attitude to the Culture of the Target Language; individual and work in collaboration with others.
- Lifelong learning skills related to foreign language learning to help learners become independent language learners.
- Plurilingual language skills
- Skills related to the use of technology for language learning.

Skills required to study the subject:

Language skills acquired while learning other languages at school will help the learner to develop the competences required in the four language skills.

- Reading and Listening skills to learn more about the language and gain the input required.
- Ability to use different media, dictionaries etc. to continue learning beyond classroom
- time.

This subject can lead you to the following Career Paths:

Interpreter/Translator	Teacher	Tourist Information Agent	Diplomatic Service Officer
Cabin Crew	Tourist Guide	Front Office and Guest Relations Manager	Linguist

NOTE Knowledge of languages is an asset in the employment sector

Italian

General introduction to the subject:

Italy is one of Malta's neighbouring countries. There are many historical ties with Italy, but also touristic and economic. Italian, as a foreign language, offers opportunities in various fields, including but not limited to architecture, art and restoration, design, engineering, fashion, law, music, translation, tourism and sports. There are many words and expressions in Italian which are similar to the Maltese language and there are other Italian words which are used widely in many languages, especially vocabulary which is related to food and music. The programme helps learners gain knowledge of Italian language and culture that are key to the development of linguistic and intercultural competences.

Foreign Languages are key to mobility and employability within today's multilingual society. Learning an additional foreign language enhances learners' plurilingual competences and opportunities within the job market. In today's global community, many prospective students consider the option of following a degree or specializing in a particular sector of their desired career abroad.

Topics studied:

The programme for Italian is based on the development of proficiency in the four skills: reading, writing, speaking and listening.

There are 12 generic topics that allow the learners to communicate with others on personal and social matters.

- Greetings
- Myself and Others
- Leisure, hobbies and interests
- Time and Calendar
- Places
- Environmental awareness
- Travel
- Food and drink
- Healthy lifestyle/living
- Use of Media and Technology
- Shops and Shopping
- Work and job-related matters

The programme helps learners familiarise themselves with both language and culture to develop both language and intercultural skills and encourages them to work on level descriptors at levels A1, A2 and B1 of the Common European Framework of Reference (CEFR).

Class activities involved:

Activities are aimed at developing both receptive and productive skills: listening, reading, writing and speaking.

Activities help learners to develop proficiency in all four skills. They furthermore foster the development of cultural and intercultural competences. Audio-visual, interactive and digital materials are used for these activities.

Homework assigned:

Learners are encouraged to gain knowledge about Italian and to use the language through work conducted during in- and out-of-class tasks. Tasks address both productive and receptive skills. Reading and listening tasks serve as input for further learning as well as for the development of these specific skills. Other tasks are aimed at the development of cultural and intercultural competences. Examples of tasks include: writing tasks, listening and reading comprehensions and project work

e.g. oral presentations, collaborative tasks that integrate the four skills/ that address specific skills, use of digital platforms, online and audiovisual activities.

Assessment given:

Equal assessment of the four skills in Speaking, Listening, Reading and Writing (A1 to B1 level) based on continuous summative and formative assessment tasks.

Tasks address areas that learners are working on to reach the level (formative assessment tasks, self-assessment tasks) Summative tasks determine levels attained (A1, A2 and bordering B1 level.)

Skills acquired while studying the subject:

- Receptive and productive skills; reading, listening, speaking and listening
- Cultural and intercultural skills
- Lifelong learning skills related to foreign language learning to help learners become independent
- Language learners
- Plurilingual language skills
- Skills related to the use of technology for language learning

Skills required to study the subject:

Learners will be guided to develop the four language skills in Italian, through use of different media. However, they must be

- able to work independently
- able to collaborate with others
- willing to learn about new cultures
- ready to communicate in a foreign language.

Language skills acquired while learning Italian at school will help the learner to develop the competences required in the four language skills

This subject can lead you to the following Career Paths:

Interpreter/Translator	Teacher	Tourist Information Agent	Diplomatic Service Officer
Cabin Crew	Tourist Guide	Front office and Guest Relations Manager	Linguist

NOTE Knowledge of languages is an asset in the employment sector.

Spanish

General introduction to the subject:

'Aprender un segundo idioma te abre más puertas que un millón de llaves' – 'Learning a second language will open more doors than a million keys'.

Spanish is the second most spoken language in the world after Mandarin Chinese and is spoken by around 550 million people. It is the official language in 21 different countries. To learn Spanish will create job opportunities not only in Spain but in the other Spanish speaking countries as well, especially in the tourism and hospitality industry.

Learning Spanish helps learners gain knowledge of language and culture that are key to the development of linguistic and intercultural competences. Foreign Languages are key to mobility and employability within today's multilingual society. Learning an additional foreign language enhances learners' plurilingual competences that are highly beneficial within the job market.

Topics studied:

- Greetings:
- Myself and others:
- Leisure, hobbies and interests:
- Time and calendar:
- Places (My immediate environment):
- Environmental awareness:
- Travel:
- Food and drink:
- Healthy living/ lifestyle:
- Use of Media and Technology:
- Shops and shopping:
- Work and Job related matters:

The foreign language programme helps learners develop language competences in the four skills (speaking, writing, reading, listening).

Class activities involved:

Activities are aimed at developing both receptive and productive skills: listening, reading, writing and speaking. Activities help learners to develop proficiency in all four skills. They furthermore foster the development of cultural and intercultural competences. Audio-visual, interactive and digital materials are used for these activities.

Homework assigned:

Learners are encouraged to gain knowledge about the language and to use the language through work conducted during in- and out-of-class tasks. Tasks address both productive and receptive skills. Reading and listening tasks serve as input for further learning as well as for the development of these specific skills. Other tasks are aimed at the development of cultural and intercultural competences. Examples of tasks include: writing tasks, listening and reading comprehensions and project work (e.g. oral presentations, collaborative tasks that integrate the four skills/ that address specific skills).

Assessment given:

- Equal assessment of the four skills based on continuous summative and formative assessment tasks.
- Tasks address areas that learners are working on to reach the level (formative assessment tasks, self-assessment tasks)

Skills acquired while studying the subject:

- Reading, Listening, Speaking and Listening
- An open attitude to the Culture of the Target Language; individual and work in collaboration with others
- Lifelong learning skills related to foreign language learning to help learners become independent language learners
- Plurilingual language skills
- Skills related to the use of technology for language learning

Skills required to study the subject:

Language skills acquired while learning other languages at school will help the learner to develop the competences required in the four language skills.

- Reading and Listening skills to learn more about the language and gain the input required
- Ability to use different media, dictionaries etc. to continue learning beyond classroom time

This subject can lead you to the following Career Paths:

Interpreter/Translator	Teacher	Tourist Information Agent	Diplomatic service officer
Cabin Crew	Tourist Guide	Front Office and Guest Relations Manager	Linguist

NOTE Knowledge of languages is an asset in the employment sector.

Chinese

General introduction to the subject:

Chinese (Mandarin) is the standard variety and the official language of China. Chinese (Mandarin) is one of the most spoken languages by native speakers in the world. Learning Chinese (Mandarin) will open up many opportunities in many different fields of work.

The teaching and learning of Chinese (Mandarin) as a foreign language is an asset to students as it will equip them with the necessary linguistic and cultural skills and knowledge to communicate in Chinese (Mandarin) for both business and pleasure.

Topics studied:

Sociocultural knowledge is to be embedded in teaching and learning. Learners will not be assessed on cultural content knowledge. Learners are expected to be able to express themselves and understand others on the matters related to:

- Greetings
- Myself and others (Myself, Family, Pets, Friends, People)
- Leisure, hobbies and interests
- Time and Calendar (Days of the week, Weather and Seasons, Months, Time, Feasts and Celebrations)
- Places (my environment) Home, School, Towns and Countries, Natural environment
- Environmental awareness
- Travel (Daily commute, transport, holiday, destinations)
- Food and drink
- Healthy Lifestyle (Physical exercise, at the clinic/hospital, parts of the body)
- Use of Media and Technology
- Shops and Shopping (Dealing with money, Weights, measures, sizes)
- Work and Job-related matters

Class activities involved:

Activities are aimed at developing both receptive and productive skills: listening, reading, writing and speaking, thus developing proficiency in all four skills. They furthermore foster the development of cultural and intercultural competences. Audio-visual, interactive and digital materials are used for these activities.

Homework assigned:

Learners are encouraged to gain knowledge about the language and to use the language through work conducted during in- and out-of-class tasks. Tasks address both productive and receptive skills. Reading and listening tasks serve as input for further learning as well as for the development of these specific skills. Other tasks are aimed at the development of cultural and intercultural competences. Examples of tasks include: writing tasks, listening and reading comprehensions and project work (e.g. oral presentations, collaborative tasks that integrate the four skills/ that address specific skills).

Assessment given:

Equal assessment of the four skills (A1 to B1 level) based on continuous summative assessment tasks. Tasks also include self-assessment tasks.

Skills acquired while studying the subject:

- Receptive and productive skills; reading, listening, speaking and listening
- Cultural and intercultural skills
- Lifelong learning skills related to foreign language learning to help learners become
- Independent language learners
- Plurilingual language skills
- Skills related to the use of technology for language learning

Skills required to study the subject:

Language skills acquired while learning other languages at school will help the learner to develop the competences required in the four language skills

- reading and listening skills to learn more about the language and gain the input required
- ability to use different media, dictionaries etc. to continue learning beyond classroom time

This subject can lead you to the following Career Paths:

Interpreter/Translator	Teacher	Tourist Information Agent	Diplomatic Service Officer
Cabin Crew	Tourist Guide	Front Office and Guest Relations Manager	Business Opportunities

NOTE Knowledge of languages is an asset in the employment sector.

VOCATIONAL SUBJECTS

VET Agribusiness

General introduction to the subject:

Plant and Animal Science are applied into plant, animal and fish husbandry producing a sound basis for learners who are interested in the Agricultural, Aquatic, Pet, Veterinarian and Environmental conservation sectors. Most of the learning is done with a hands-on approach within the following settings: open fields, science labs, fish rooms, greenhouses, rabbitries and other farms, fish hatcheries, plant nurseries and much more.

Topics studied:

- Plant and Soil Science – consists of applied plant science, field planning, soil science and plant nutrition.
- Aquatic and Land Based Production – consists of fish biology, ornamental and commercial fish breeding, plant physiology, crop cultivation and marketing and plant propagation techniques.
- Rabbit Breeding and Genetics – consists of rabbit biology and behaviour, rabbit keeping (pet and commercial), rabbit health and breeding and rabbit meat industry.

Class activities involved:

Work involved with farm animals, fish and plants. Use of scientific apparatus for learning science concepts and taking samples. Caring and breeding of animals. Lots of group work. Presentations and discussions.

Homework assigned:

Consolidation exercises. Some research. Part of an assignment may be given as HW.

Assessment given:

During each scholastic year, students will cover a unit and so throughout the three years, students complete 3 units. During the year, each unit is assessed by means of

- two (2) assignments (60% of the yearly mark) that consist of both written and practical tasks
- one (1) assessment (40% of the yearly mark and issued by MATSEC) that consist of a written examination

The marks obtained during years 9, 10 and 11 will amount to 100% of the final Secondary Education Certificate (SEC) result.

Skills acquired while studying the subject:

- Ability to work as an individual or in a group.
- Ability to make your own research and make the necessary references.
- Skills in horticulture, animal husbandry, aquaculture and environmental conservation.
- Ability to make educated judgements

Skills required to study the subject:

- Comfortable to be working with your hands.
- Comfortable to be working with animals.
- Comfortable to be working within fields, nurseries and greenhouses.
- Willing to work outside the classroom and outdoors.

This subject can lead you to the following Career Paths:

Animal Nutritional Advisor	Plant nursery Assistant	Fish Manager	Hatchery Manager
Horiculture Inspector	VET Assistant	Animal Groomer	Farm Operator

VET Engineering Technology

General introduction to the subject:

The aim of the vocational programme in Engineering Technology is to provide learners with the underpinning knowledge related to the Industrial Environment. Throughout the programme, students are expected to apply knowledge and skills that are being covered during teaching and learning phases.

Topics studied:

- Using Tools and Materials
- Electronic Circuits Designs
- Electro-mechanical systems

Class activities involved:

Hands on activity where students learn through the making and using of tools, machines and materials

Homework assigned:

Research work related to the work being covered during the lesson and in preparation for the assignments.

Assessment given:

During each scholastic year, students will cover a unit and so throughout the three years, students complete 3 units.

During the year, each unit is assessed by means of

- two (2) assignments (60% of the yearly mark) that consist of both written and practical tasks
- one (1) assessment (40% of the yearly mark and issued by MATSEC) that consist of a written examination

The marks obtained during years 9, 10 and 11 will amount to 100% of the final Secondary Education Certificate (SEC) result.

Skills acquired while studying the subject:

- Work safely in an engineering environment.
- Carry out basic risk assessments.
- Respond effectively to help persons when an incident occurs.
- Interpret different types of documentation.
- Use tools and machinery in the appropriate manner.
- Carry out simple tests on different materials.
- Manufacture a PCB.
- Construct an electro-mechanical project using tools and machinery.
- Conduct basic tests to identify faults.

Skills required to study the subject:

- Good level of English
- Good ICT skills
- Being able to work in a team
- Good level of applied science
- Willing to carry out hands on activities related to the use of Engineering tools

This subject can lead you to the following Career Paths:

Mechanic	Mechanical Engineer	Electronic and Electric Engineer	Electrical and Electronics Technician
Mechanical Technician	Aircraft/Marine Engineer	Carpenter	Bench Fitter/Fabricator



VET Fashion and Textiles

General introduction to the subject:

Fashion and Textiles introduces the students to the fascinating world of fashion. It provides an introduction to all the aspects related to fashion and textiles. It includes aspects related to the fashion industry and its different careers in design, manufacture, retail, marketing and promotion.

Students will be able to distinguish between the characteristics and uses of different type of fibres and fabrics through hands-on classroom activities. They will also learn basic skills in fashion design and pattern making using Computer Aided Design software and will also produce clothing items and soft furnishings. Moreover, the students will focus on making the right fashion choices, for themselves and others, concerning design, style and colour. The course will enhance the students' potential in creativity and the application of skills in the fashion and textiles industry.

Topics studied:

- the fashion industry and its different careers;
- the different fibres and fabrics, and their uses;
- history of fashion;
- fashion sketching and drawing;
- pattern drafting and the use of CAD software;
- choice of clothing according to the various figure types;
- different sewing and design tools and equipment found in the fashion studio;
- experimenting on fabrics to identify different properties;
- making different textile items;
- the colour wheel;
- dyeing fabrics using natural and synthetic dyes;
- the creation of creative items using different techniques and embellishments to enhance its appearance – such as tie-dye, batik, printing and weaving;
- recycling of textiles;
- the role of the consumer – consumers' rights and responsibilities, addressing complaints.
- portfolio – including samples of work such as fashion drawings, pattern alterations, sewing and creative techniques, creative work, garments and soft furnishings.

Class activities involved:

Class activities are student-centred and vary according to the topic being covered. Individual and group work, discussions and experiments are some of the ways that the students will be involved in when studying Fashion and Textiles. Other hands-on activities include, designing outfits, demonstrations of practical work and basic sewing techniques are some of the activities carried out during Fashion and Textiles lessons.

Real life scenarios are constantly presented to students so that all knowledge and comprehension will be applied to a practical setting or situation.

Homework assigned:

Homework is aimed at completing assignments. Some tasks may include research and written work, the creation of a leaflet and a mood/theme board, sketching figure drawings, designing a poster or preparing a power point presentation. Other tasks may include interviewing a person, carrying out a risk assessment and even practice some sewing skills in the school's fashion studio.

Assessment given:

During each scholastic year, students will cover a unit and so throughout the three years, students complete 3 units. During the year, each unit is assessed by means of

- two (2) assignments (60% of the yearly mark) that consist of both written and practical tasks
- one (1) assessment (40% of the yearly mark and issued by MATSEC) that consist of a written examination

The marks obtained during years 9, 10 and 11 will amount to 100% of the final Secondary Education Certificate (SEC) result.

Skills acquired while studying the subject:

- Communication skills
- Experimental and investigation
- Illustration techniques and sketching
- Measuring, pattern-cutting and draping techniques
- Sewing skills
- Appreciation of colour, texture and shape
- Ability to develop fashion trends
- Drawing skills
- The use of digital technology in fashion

Skills required to study the subject:

- Creativity
- Artistic aptitude
- Eye for detail
- Interest in meeting people

This subject can lead you to the following Career Paths:

Teacher	Fashion Merchandiser	Fashion Designer	Fashion Production Manager
Fashion Consultant	Interior Designer	Seamstress	Fashion Events Coordinator

VET Information Technology

General introduction to the subject:

Information Technology exposes students to the world of the IT industry in areas related to the installation of computer hardware, multimedia development and networking. Throughout the programme, students are provided with realistic vocational scenarios for which they are required to carry out practical tasks, based on the knowledge and skills they have acquired through their learning, to solve situations similar to those evolving in the IT industry.

Topics studied:

- Health and Safety at the workplace
- Understanding the different types of computer systems and hardware components
- Installation of computer hardware and software
- Troubleshooting hardware problems
- Documenting installations
- Setting up of small-scale local area networks
- Sharing of data and resources over a network
- Securing networks from possible threats
- Understanding the different types of multimedia systems
- Development of multimedia projects including animations, audio-visual productions and websites

Class activities involved:

- Hands-on activities such as installation of hardware, development of multimedia projects and setting up of networks
- Presentations
- Group work
- Research tasks
- Class discussions

Homework assigned:

- Consolidation exercises and research work
- Preparation tasks such as preparing for hardware installation and planning of animations, websites and audio-visual productions
- Continuation of some assignment tasks

Assessment given:

During each scholastic year, students will cover a unit and so throughout the three years, students complete 3 units.

During the year, each unit is assessed by means of

- two (2) assignments (60% of the yearly mark) that consist of both written and practical tasks
- one (1) assessment (40% of the yearly mark and issued by MATSEC) that consist of a written examination

The marks obtained during years 9, 10 and 11 will amount to 100% of the final Secondary Education Certificate (SEC) result.

Skills acquired while studying the subject:

- Ability to follow good health and safety practices on the workplace
- Skills related to installation of hardware and software, networking and multimedia development
- Analytical and research skills
- Communication skills
- Teamwork skills
- Planning skills
- Time management skills
- Reflective thinking skills
- Problem-solving skills

Skills required to study the subject:

- Good level of English
- Adequate ICT skills
- Willingness to learn, research and carry out hands-on activities
- Work both independently and in a team

This subject can lead you to the following Career Paths:

Network Engineer	IT Support Officer	IT Technician	IT Systems Administrator
Web Developer	IT Salesperson	IT Specialist	Animations Developer

VET Hairdressing and Beauty

General introduction to the subject:

Hairdressing and Beauty students will learn the basic understanding of the impact of personal presentation, knowledge of Health and Safety in the salon and good communication skills. Students will also learn the hair structure and skin diseases and how to perform a shampooing and conditioning treatment. They will also perform a basic one length haircut and a manicure & pedicure treatment. The subject will help students in furthering their studies in this area.

Topics studied:

- Unit 1 - Communication and Consultation
- Unit 2 - Shampooing, Conditioning and Face Treatments
- Unit 3 - Hairstyles and Nail Treatments

Class activities involved:

Class lessons will include discussions, research work and practical training on mannequin heads. They will also perform hair and beauty treatments on real models.

Homework assigned:

Homework is aimed at completing assignments. Other tasks will include a portfolio, research work and practical assignments on mannequin heads.

Assessment given:

During each scholastic year, students will cover a unit and so throughout the three years, students complete 3 units. During the year, each unit is assessed by means of

- two (2) assignments (60% of the yearly mark) that consist of both written and practical tasks
- one (1) assessment (40% of the yearly mark and issued by MATSEC) that consist of a written examination

The marks obtained during years 9, 10 and 11 will amount to 100% of the final Secondary Education Certificate (SEC) result.

Skills acquired while studying the subject:

- Communication skills
- Reception duties
- Health and safety procedures in the salon
- Team work and time management
- Performing simple hair and beauty tasks

Skills required to study the subject:

- Interest in the hair and beauty sector
- Commitment
- Good communication skills
- Good command of the English Language

This subject can lead you to the following Career Paths:

Hairdresser	Make Up Artist	Nail Technician	Beauty Therapist
Colour Specialist	Sales Representative	SPA Manager	Masseur

VET Health and Social Care

General introduction to the subject:

Health and Social Care students will learn basic development and needs of individuals of all ages, and basic anatomy and physiology. Health and safety procedures including First Aid practice is an important aspect in care. Topics which include social differences and how one should communicate in different situations form an integrated part of this subject so that students will be able to have a holistic view of people whom they may encounter.

This subject can instil a wish in the students to further their studies in Health Care, Child Care or Social and Psychological Courses.

Topics studied:

- Unit 1 - Effective Communication, Human Development & Holistic Care
- Unit 2 - Anatomy, Physiology, Health and Safety in Health & Social Care
- Unit 3 - Equality, Diversity and Quality Care

Class activities involved:

Lessons include research work, discussions, presentations, experiments, role plays, team work and games. Real life scenarios are constantly presented to students so that all knowledge and comprehension will be applied to Health Care or Social care situations.

Homework assigned:

Homework is aimed at completing assignments. Some tasks might include research, written work, devising a leaflet or a poster or even preparing power point presentations. Other tasks might include interviewing a person, planning a health care plan for an individual, carrying out a risk assessment and even practice some skills which will be assessed in a practical in school.

Assessment given:

During each scholastic year, students will cover a unit and so throughout the three years, students complete 3 units. During the year, each unit is assessed by means of

- two (2) assignments (60% of the yearly mark) that consist of both written and practical tasks
- one (1) assessment (40% of the yearly mark and issued by MATSEC) that consist of a written examination

The marks obtained during years 9, 10 and 11 will amount to 100% of the final Secondary Education Certificate (SEC) result.

Skills acquired while studying the subject:

- Communication skills
- Caring for babies and the elderly
- Interviewing skills
- Carrying out a risk assessment
- First Aid Skills

Skills required to study the subject:

- Caring attitude
- Interest in medical and health care.
- Interest in Social Care
- Good command of the English Language

This subject can lead you to the following Career Paths:

Nurse	Physiotherapist	Care Assistant	Elderly Carer
Nutritionist	Social Worker	LSE	Health Promotion Officer

VET HOSPITALITY

General introduction to the subject:

Students are exposed to different aspects within the Hospitality and Tourism industry and will be able to explore different culinary and non-culinary departments. The students investigate different job roles within the industry and will be able to learn proper communication and customer service. The hotel operations will be explored. Students learn by doing things and research on the topics discussed during lessons.

Topics studied:

- Different types of tourists and tourism
- Factors effecting tourism and local economy
- Job roles and duties within the hospitality industry
- Communication and customer care
- Basic nutrition
- Food hygiene at the workplace
- Preparing and cooking different food commodities
- The pastry department
- Restaurant service
- Hotel operations

Class activities involved:

Class activities are various according to the topic being covered. Role plays, presentations, experiments, interviews, video recording, cooking demonstration, guest speakers, coffee making and non-alcoholic drink-making are some of the activities that are done during Hospitality lessons.

Homework assigned:

Usually homework takes place in the form of research and preparation for upcoming lessons and event planning. Preparation for practical tasks like sitting for an interview or cooking sessions are to be practiced at home before the actual practical task assessment at school. Most of the assigned work for assessment are to be completed at home.

Assessment given:

During each scholastic year, students will cover a unit and so throughout the three years, students complete 3 units. During the year, each unit is assessed by means of

- two (2) assignments (60% of the yearly mark) that consist of both written and practical tasks
- one (1) assessment (40% of the yearly mark and issued by MATSEC) that consist of a written examination

The marks obtained during years 9, 10 and 11 will amount to 100% of the final Secondary Education Certificate (SEC) result.

Skills acquired while studying the subject:

- Communication skills
- Customer care skills
- Culinary skills
- Food and Beverage preparation and serving skills
- Language skills
- Writing skills
- Social skills
- Research skills

Skills required to study the subject:

- Good Level of English if taking VET Hospitality
- Good ICT skills for VET Hospitality
- Being able to work in a team
- Taking part in school activities in which Hospitality students will be hosting events
- Interest in the field of study (Hospitality and Tourism)

This subject can lead you to the following Career Paths:

Receptionist	Customer Care agent	Cabin Crew	Events Planner
Tourist Guide	Chef	Housekeeper	Restaurant Manager

VET Media Literacy

General introduction to the subject:

The aim of the vocational programme in Media Literacy Education is to provide students with the knowledge related to basic Media aspects, namely the Printed Media (articles, adverts, websites), the Visual Media (photography), and the Moving Image (filming). By the end of the programme, candidates are expected to have gained sufficient skills and should be able to apply knowledge and skills in a learning environment.

Topics studied:

Unit 1 - The Media and "Me"

Unit 2 - Communicating "Me"

Unit 3 - Creative and Collaborative "Me"

Class activities involved:

- Hands-on activities related to photography, moving images and printing media.
- Presentations
- Group work
- Research tasks
- Class discussions

Homework assigned:

- Consolidation exercises and research work
- Preparation tasks such as preparing for a pitch and research
- Continuation of some assignment tasks

Assessment given:

During each scholastic year, students will cover a unit and so throughout the three years, students complete 3 units. During the year, each unit is assessed by means of

- two (2) assignments (60% of the yearly mark) that consist of both written and practical tasks
- one (1) assessment (40% of the yearly mark and issued by MATSEC) that consist of a written examination

The marks obtained during years 9, 10 and 11 will amount to 100% of the final Secondary Education Certificate (SEC) result.

Skills acquired while studying the subject:

- Ability to work as an individual or in a group.
- Ability to perform research and make the necessary references.
- Communication and team work.
- Ability to care for equipment
- Ability to produce creative work both individually and as a team.
- Analytical and research skills
- Planning skills
- Time management skills
- Reflective thinking skills
- Problem-solving skills

Skills required to study the subject:

- Good level of English.
- Writing, reading and presenting skills.
- Organisational skills
- Research skills
- Willingness to learn, research and carry out hands-on activities
- Work both independently and in a team

This subject can lead you to the following Career Paths:

Photographer	Videographer	Journalist	Web Designer
Camera person	TV Director	Sound Technician	Film Editor

VET Retail

General introduction to the subject:

The aim of the vocational programme in Retail is to provide students with the knowledge related to basic retail operations. Retail is the process of selling consumer goods or services to customers through multiple channels of distribution to earn a profit. Retailers satisfy demand identified through a supply chain. By the end of the programme, students are expected to have gained sufficient skills and should be able to apply knowledge and skills in a learning environment.

Topics studied:

- Unit 1 - Introduction to Retail, Sales and Customer Care
- Unit 2 - Dealing with stock and visual merchandising
- Unit 3 - Key aspects of retail operations

Class activities involved:

Group activities and individual work, discussions and hands-on activities. Students gain basic skills in retailing together with communication and customer care. Students will have the opportunity to practice in a market and dresswear environment, applying practices of goods storage and display.

Homework assigned:

2 assignments per year, together with research projects and preparatory and consolidation work.

Assessment given:

During each scholastic year, students will cover a unit and so throughout the three years, students complete 3 units.

During the year, each unit is assessed by means of

- two (2) assignments (60% of the yearly mark) that consist of both written and practical tasks
- one (1) assessment (40% of the yearly mark and issued by MATSEC) that consist of a written examination

The marks obtained during years 9, 10 and 11 will amount to 100% of the final Secondary Education Certificate (SEC) result.

Skills acquired while studying the subject:

- Ability to work as an individual or in a group
- Ability to perform research and make the necessary references
- Communication and team work
- Customer care skills
- Ability to organise and make attractive a place of work
- Ability to use appropriate Health and Safety equipment

Skills required to study the subject:

- Good level of English, Maltese and Mathematics
- Writing, reading and presenting skills
- Prioritising skills
- Organisational skills

This subject can lead you to the following Career Paths:

Retail Manager	Customer Care Agent	Shop Assistant	Logistic Planner
Visual Merchandiser	Marketing Assistant	Store Keeper	Shop Supervisor

APPLIED SUBJECTS

Applied Agribusiness

General introduction to the subject:

Plant and Animal Science are applied into plant, animal and fish husbandry producing a sound basis for learners who are interested in the Agricultural, Aquatic, Pet, Veterinarian and Environmental conservation sectors. Most of the learning is done with a hands-on approach within the following settings: open fields, science labs, fish rooms, greenhouses, rabbitries and other farms, fish hatcheries, plant nurseries and much more.

Topics studied:

- Working in a pet shop and plant nursery environment – consists introductory plant production and different propagation techniques. Basic fish and pet care. The subject also takes into consideration stock taking.
- Taking care of plants and animals – consists of basic garden design and landscaping. Pruning is also tackled. Work on Animal health and grooming is done together with basic aquascaping and fish tank construction.
- Plant and animal Production – here the subject focuses on crop production in fields and greenhouses together with plant nutrition. Concepts of Apiculture plus honey production. Commercial poultry and rabbits is also tackled.

Class activities involved:

Work involved with farm animals, fish and plants. Use of scientific apparatus for learning science concepts and taking samples. Caring and breeding of animals. Lots of group work. Presentations and discussions.

Homework assigned:

Consolidation exercises. Some research. Part of an assignment may be given as HW.

Assessment given:

During each scholastic year, students will cover a unit.

Throughout the three years, students complete 3 units, one each year.

During the year, each unit is assessed by means of three (3) assignments that are mainly based on practical tasks and carried out in class.

Out of the 3 assignments each year, one is issued by MATSEC.

The marks obtained during years 9, 10 and 11 will amount to 100% of the final Secondary Education Applied Certificate (SEAC) result.

Skills acquired while studying the subject:

- Ability to work as an individual or in a group.
- Confidence in rearing animals.
- Skills in horticulture, animal husbandry, aquaculture and environmental conservation.
- Ability to make educated judgements.
- Skills in garden management.
- Skills in aquarium construction.

Skills required to study the subject:

- Comfortable to be working with your hands.
- Comfortable to be working with animals.
- Comfortable to be working within fields, nurseries and greenhouses.
- Willing to work outside the classroom and outdoors.

This subject can lead you to the following Career Paths:

Pet Shop Assistant	Landscaper Maintenance Worker	Fish Farm Assistant	Animal Care Assistant
Plant Nursery Assistant	Animal Groomer Assistant	Aquarium Assistant	Greenhouse Aide

Applied Engineering Technology

General introduction to the subject:

The aim of the applied programme in Engineering Technology is to provide learners with hands on experience related to the Industrial Environment. Throughout the programme, candidates are expected to apply skills, using tools / equipment and materials in order to gain knowledge on theoretical principals.

Topics studied:

- Manufacturing Processes
- Mechanical Systems
- Electrical and Electronics Systems

Class activities involved:

Applied exercises where students experiment and practice with tools, equipment and materials in order to understand concepts and systems.

Homework assigned:

Research work related to the work being covered during the lesson and in preparation for other lessons and / or assignments.

Assessment given:

During each scholastic year, students will cover a unit.

Throughout the three years, students complete 3 units, one each year.

During the year, each unit is assessed by means of three (3) assignments that are mainly based on practical tasks and carried out in class.

Out of the 3 assignments each year, one is issued by MATSEC.

The marks obtained during years 9, 10 and 11 will amount to 100% of the final Secondary Education Applied Certificate (SEAC) result.

Skills acquired while studying the subject:

- Demonstrate an understanding of Health and Safety practices while working in an engineering context.
- Make use of measuring and marking out tools on materials with specific properties.
- Make appropriate use of tools and equipment used for cutting materials.
- Make use of permanent and non-permanent joining processes.
- Finish a product according to set requirements.
- Manufacture different threads according to given specifications.
- Assemble pulleys and sprockets according to given ratios.
- Use 3D printers to construct gears and ratchets according to given specifications.
- Assemble cams and cranks according to given specifications.
- Use different sub-mechanical systems to construct a mechanical system.
- Demonstrate an understanding of the principles of electrical and electronic components.
- Manufacture a PCB.
- Construct electrical lighting circuits.
- Construct electrical power circuits.

Skills required to study the subject:

- Learns by doing
- ICT skills
- Being able to work in a team
- Good level of applied science
- Willing to carry out hands on activities related to the use of Engineering tools

This subject can lead you to the following Career Paths:

Skilled Worker	Aircraft Junior Mechanic	Technician	Welding Tradesperson
Assistant Electrician	Assistant Mechanic	Machine Operator	Technical Operator

Applied Fashion and Textiles

General introduction to the subject:

The main aim of the applied programme for Fashion and Textiles is to provide students with relevant hands-on experience in the fascinating world of fashion and textiles. Throughout this programme, students develop a flair and ability to generate ideas and concepts to help customers make the right choice. It also helps students with the basics of sewing and related skills whilst developing a range of designing and sewing skills. Students will also learn basic skills in fashion design and will be able to use digital software to design fashionable garments. Fashionable clothing items and creative soft furnishings including curtains and cushions will be produced. Moreover, students will be equipped with the basic knowledge and confidence to undertake their own bespoke interiors for a living space.

Topics studied:

- positive attitude to provide best customer service in a work environment;
- exploring different fibres and fabrics, their properties, uses and care;
- fabric finishes;
- calculating fabric for different projects including soft furnishings;
- the use of sewing and design tools and equipment found in the fashion studio;
- the creation of creative items using different techniques and embellishments to enhance its appearance – such as tie-dye, batik, printing, patchwork and weaving;
- producing mood boards for various creative textile items;
- fashion sketching and drawing;
- using digital software to design an outfit;
- designing garments for different body shapes, age and occasions.
- pattern drawing and the use of digital software;
- the colour wheel;
- experimenting on fabrics to identify different properties;
- making different textile items using basic sewing skills;
- portfolio - including samples of work such as fashion drawings, pattern alterations, sewing and creative techniques, creative work, garments and soft furnishings.

Class activities involved:

Students are given the opportunity to experiment with fabrics, dyes, colours and using computer software whilst at the same time they practice with tools and equipment to help them understand concepts in the fashion and textiles industry. Individual and group work, discussions and experiments are some of the ways that the students will be involved in when studying Fashion and Textiles. Other hands-on activities include, designing outfits, demonstrations of practical work and basic sewing techniques.

Homework assigned:

Homework is aimed at completing assignments. Some tasks may include research and written work, the creation of a mood board, sketching figure drawings, preparation for role play and practice some sewing skills in the school's fashion studio.

Assessment given:

During each scholastic year, students will cover a unit.

Throughout the three years, students complete 3 units, one each year.

During the year, each unit is assessed by means of three (3) assignments that are mainly based on practical tasks and carried out in class.

Out of the 3 assignments each year, one is issued by MATSEC.

The marks obtained during years 9, 10 and 11 will amount to 100% of the final Secondary Education Applied Certificate (SEAC) result.

Skills acquired while studying the subject:

- Communication skills
- Experimental and investigation
- Illustration techniques and sketching
- Measuring, pattern-cutting and draping techniques
- Sewing skills
- Appreciation of colour, texture and shape
- Ability to develop fashion trends
- Drawing skills
- The use of digital technology in fashion

Skills required to study the subject:

- Creativity
- Artistic aptitude
- Eye for detail
- Interest in meeting people.

This subject can lead you to the following Career Paths:

Assistant in the Crafts Sector	Assistant Fashion Designer	Machine Operator	Junior Designer
Assistant Interior Designer	Assistant Seamstress	Shop Assistant	Laundry Worker

Applied Information Technology

General introduction to the subject:

Applied Information Technology exposes students to the world of the IT industry in areas related to hardware installation, networking and computer game development. Throughout this programme, the focus is on learning by doing. Hence, most of the learning will be done using a hands-on approach from which the necessary knowledge would be elicited.

Topics studied:

- Health and safety at the workplace
- Understanding the different types of computer systems and peripheral devices
- Installation of internal hardware components
- Installation and configuration of software
- Troubleshooting hardware problems
- Documenting installations
- Soldering techniques
- Setting up of wired and wireless local area networks
- Sharing of data and resources over networks
- Securing networks from possible threats
- Development of basic computer games

Class activities involved:

- Hands-on activities such as installation of hardware, setting up of networks and computer game development
- Presentations
- Group work
- Research tasks
- Class discussions

Homework assigned:

- Consolidation exercises and research work
- Continuation of some assignment tasks

Assessment given:

During each scholastic year, students will cover a unit.

Throughout the three years, students complete 3 units, one each year.

During the year, each unit is assessed by means of three (3) assignments that are mainly based on practical tasks and carried out in class.

Out of the 3 assignments each year, one is issued by MATSEC.

The marks obtained during years 9, 10 and 11 will amount to 100% of the final Secondary Education Applied Certificate (SEAC) result.

Skills acquired while studying the subject:

- Ability to follow good health and safety practices on the workplace
- Skills related to installation of hardware and software, soldering, network setup and computer game development
- Analytical and research skills
- Communication skills
- Teamwork skills
- Planning skills
- Time management skills
- Reflective thinking skills
- Problem-solving skills

Skills required to study the subject:

- Willingness to learn, research and carry out hands-on activities
- Work both independently and in a team

This subject can lead you to the following Career Paths:

IT Salesperson	Computer Technician	Computer User Support Technician	Assistant IT Administrator
Network Technician	Assistant Network Administrator	User Support in iGaming	Assistant Game Developer

Applied Hairdressing and Beauty

General introduction to the subject:

Students taking the applied route will acquire skills that will give them an overview of the Hair & Beauty industry. They will learn how to communicate with clients and colleagues and basic Health and Safety measures. Students will also learn how to perform simple tasks on hair, face and nails. This will help them in furthering their studies in the hair and beauty sector.

Topics studied:

- Unit 1 - Basic Hair and Beauty Services
- Unit 2 - Hair Styling and Face Care
- Unit 3 - Haircuts and Nail Care

Class activities involved:

Lessons include practical training on mannequin heads, discussions, role play and research work.

Homework assigned:

Homework will include practical tasks on mannequin heads, completing assignments and a portfolio.

Assessment given:

During each scholastic year, students will cover a unit.

Throughout the three years, students complete 3 units, one each year.

During the year, each unit is assessed by means of three (3) assignments that are mainly based on practical tasks and carried out in class.

Out of the 3 assignments each year, one is issued by MATSEC.

The marks obtained during years 9, 10 and 11 will amount to 100% of the final Secondary Education Applied Certificate (SEAC) result.

Skills acquired while studying the subject:

- Health and Safety procedures during practical lessons
- Personal presentation
- Communication skills
- Reception duties
- Team work and time management
- Performing simple hair and beauty tasks

Skills required to study the subject:

- Interest in the hair and beauty area.
- Good communication skills

This subject can lead you to the following Career Paths:

Sales Representative	Make Up Artist	Assistant Nail technician	Beauty Specialist
Junior Hair Stylist	Shampooist	Receptionist in a beauty Parlour	Shop Assistant

Applied Health and Social Care

General introduction to the subject:

Students taking the applied route will learn skills needed to care for babies, children and elderly. These skills will help them understand the development and needs people of different ages may have. They will also learn communication skills which will prepare them to communicate with service users, colleagues and relatives. Another interesting topic that they learn is to create activities which they can use with different age groups.

Topics studied:

- Unit 1 - Looking after Babies, Children and Adolescents
- Unit 2 - Working with vulnerable adults
- Unit 3 - Working in a Health and Social Care Environment

Class activities involved:

Lessons include practical skills in care, health and safety precautions, preparation for interview, discussions, presentations, role plays and team work.

Real life scenarios are constantly presented to students so that all skills learnt will be practiced while knowledge and comprehension can be achieved through such practices.

Homework assigned:

Homework is aimed at completing assignments. A number of tasks will be aimed at achieving skills. Some tasks might include research, written work, devising a leaflet or a poster or even preparing power point presentations. Other tasks might include interviewing a person, planning and preparing a healthy plate for an individual, carrying out a risk assessment and even practice some skills which will be assessed in a practical in school.

Assessment given:

During each scholastic year, students will cover a unit.

Throughout the three years, students complete 3 units, one each year.

During the year, each unit is assessed by means of three (3) assignments that are mainly based on practical tasks and carried out in class.

Out of the 3 assignments each year, one is issued by MATSEC.

The marks obtained during years 9, 10 and 11 will amount to 100% of the final Secondary Education Applied Certificate (SEAC) result.

Skills acquired while studying the subject:

- Caring for babies, children and elderly people.
- Carrying out activities for different age groups
- Health and Safety procedures during practical skills
- First Aid Skills
- Communication skills
- Interviewing skills

Skills required to study the subject:

- Caring attitude
- Interest in medical and health care.
- Interest in Social Care

This subject can lead you to the following Career Paths:

Health Professional Assistant	Nursing aid	Elderly Carer	Care Assistant
Person with Disability Carer	Childcarer	Care Worker	

Applied Hospitality

General introduction to the subject:

Students are exposed to different aspects within the Hospitality and Tourism industry and will be able to explore different culinary and non-culinary departments each year. The students will have the opportunity to practice proper housekeeping of a hospitality business, learn proper communication to be used with guest, cook and finish different foods, and experience the proper way of giving waiting service to guests in food premises.

Topics studied:

- Upkeeping of the laundry area and proper use of supplies
- Preparing guest's room for occupancy including towel folding and room décor
- Cleaning rooms during occupancy
- Taking bookings and reservations
- Communication and customer care
- Preparing and cooking different food commodities
- Using of equipment and cooking methods in the kitchen
- Opening food premises
- Restaurant service and operations
- Preparing cold and warm drinks
- Sales techniques

Class activities involved:

Class activities are various according to the topic being covered. Role plays, presentations, experiments, interviews, video recording, cooking demonstrations, guest speakers, coffee making, and non-alcoholic drink-making are some of the activities that are done during Applied Hospitality lessons.

Homework assigned:

- Usually homework takes place in the form of research and preparation for upcoming lessons and event planning
- Preparation for practical tasks like cooking sessions are to be practiced at home before the actual practical task assessment at school

Assessment given:

During each scholastic year, students will cover a unit.

Throughout the three years, students complete 3 units, one each year.

During the year, each unit is assessed by means of three (3) assignments that are mainly based on practical tasks and carried out in class.

Out of the 3 assignments each year, one is issued by MATSEC.

The marks obtained during years 9, 10 and 11 will amount to 100% of the final Secondary Education Applied Certificate (SEAC) result.

Skills acquired while studying the subject:

- Communication skills
- Customer care skills
- Culinary skills
- Food and Beverage preparation and serving skills
- Language skills
- Writing skills
- Social skills
- Research skills

Skills required to study the subject:

- Being able to work in a team
- Taking part in school activities in which Hospitality students will be hosting events
- Interest in the field of study (Hospitality and Tourism)
- Being ready to complete tasks including applied hands-on tasks
- Basic level of English and/or Maltese and ICT

This subject can lead you to the following Career Paths:

Tourist Information Clerk	Room Attendant	Commis Chef	Waiter
Tour Operator Airport Handler	Kitchen Porter	Porter	Linen Attendant

Applied Media Literacy

General introduction to the subject:

The aim of the applied programme in Media Literacy Education is to provide students with the knowledge, competencies, and skills related to basic Media aspects, namely Photography, Moving Image (filming), Sound design and Printed Media. By the end of the programme, candidates are expected to have gained sufficient skills and should be able to apply knowledge and skills in a learning environment. Great emphasis is placed on practical, hands-on work that is made both in class and outside.

Topics studied:

- Unit 1 - An Introduction to Still Photography
- Unit 2 - An Introduction to Moving Image
- Unit 3 - Creating Media Products

Class activities involved:

- Hands-on activities such as photography, moving images, podcast and printing media
- Presentations
- Group work
- Research tasks
- Class discussions

Homework assigned:

- Consolidation exercises and research work
- Continuation of some assignment tasks

Assessment given:

During each scholastic year, students will cover a unit.

Throughout the three years, students complete 3 units, one each year.

During the year, each unit is assessed by means of three (3) assignments that are mainly based on practical tasks and carried out in class.

Out of the 3 assignments each year, one is issued by MATSEC.

The marks obtained during years 9, 10 and 11 will amount to 100% of the final Secondary Education Applied Certificate (SEAC) result.

Skills acquired while studying the subject:

- Ability to work as an individual or in a group
- Ability to perform research and make the necessary references
- Communication and team work
- Ability to care for equipment
- Ability to produce creative work both individually and as a team
- Ability to follow good health and safety practices on the workplace

Skills required to study the subject:

- Basic level of English, Maltese and Mathematics
- Basic writing, reading, and presenting skills
- Organisational skills
- Research skills
- Communication and team work
- Ability to care for equipment

This subject can lead you to the following Career Paths:

Production Office Assistant	Photography Assistant	Assistant TV Producer	Boom Operator
Camera Person	Pre-Press Operator	Studio Assistant	Assistant Video Editor

Applied Retail

General introduction to the subject:

The aim of the vocational programme in Retail is to provide students with the knowledge related to basic retail operations. Retail is the process of selling consumer goods or services to customers through multiple channels of distribution to earn a profit. Retailers satisfy demand identified through a supply chain. By the end of the programme, students are expected to have gained sufficient skills and should be able to apply knowledge and skills in a learning environment. A lot of emphasis is placed on practical, hands-on work in real live scenarios created in the school.

Topics studied:

- Unit 1 - Applied Retail Support
- Unit 2 - Practical Merchandising
- Unit 3 - Retail Front Line

Class activities involved:

Group activities and individual work, discussions and hands-on activities. Students gain basic skills in retailing together with communication and customer care. Students will have the opportunity to practice in a market and dresswear environment, applying practices of goods storage and display.

Homework assigned:

2 assignments per year, together with research projects and preparatory and consolidation work.

Assessment given:

During each scholastic year, students will cover a unit.

Throughout the three years, students complete 3 units, one each year.

During the year, each unit is assessed by means of three (3) assignments that are mainly based on practical tasks and carried out in class.

Out of the 3 assignments each year, one is issued by MATSEC.

The marks obtained during years 9, 10 and 11 will amount to 100% of the final Secondary Education Applied Certificate (SEAC) result.

Skills acquired while studying the subject:

- Ability to work as an individual or in a group
- Ability to perform research and make the necessary references
- Communication and team work
- Ability to organise and make attractive a place of work
- Ability to use appropriate Healthy and Safety equipment
- Ability to issue and follow directions

Skills required to study the subject:

- Prioritising skills
- Organisational skills
- Basic Mathematics, English and Maltese

This subject can lead you to the following Career Paths:

Stacker	Customer Care Assistant	Shop Assistant	Store Assistant
Packer	Merchandiser Assistant	Assistant Store Keeper	Office Assistant

Sport Career Development Programme (SCDP)

General introduction to the subject:

Learners in Year 7 may choose SCDP instead of Art, Design & Technology, Home Economics and Music while learners in Year 9 may choose it as an option subject. In both cases, subject includes four weekly lessons over and above the provision of Physical Education lessons allocated. Learners must undergo a practical assessment in their preferred discipline prior to be selected.

Topics studied:

Main sport chosen (to choose ONE from Athletics, Basketball, Dance, Football, Judo) and Fitness, Outdoor Education and Rules & Officiating. Other optional modules include Nutrition, Sports Media, Sports Photography, Sports Administration, Anti-Doping Education, Match Fixing Awareness and Sports Knowledge amongst others.

Class activities involved:

Most lessons are dedicated to the main sport selected by learner. All other areas are carried out in a practical, hands-on manner. Limited theoretical components are also included.

Homework assigned:

Mainly remote preparation as research and preparation ahead of the upcoming lessons.

Assessment given:

Majority is based on technical capability as demonstrated during practical session in main sport while other areas are assessed through ongoing assessment in the form of a portfolio.

Skills acquired while studying the subject:

- A passion for sport
- A desire to take on a sport related full-time job (playing or administrative)
- Correct aptitude in participating in moderate to vigorous physical activity

Skills required to study the subject:

- A pass in the Practical Assessment

This subject can lead you to the following Career Paths:

Fitness Instructor	Coach	Gym Attendant	Personal Trainer
Sports Photographer	Sports Journalist	Assistant Coach	Sports Policy Coordinator

Prince's Trust International (PTI) Achieve

General introduction to the subject:

PTI Achieve aims to enhance the personal development and employability skills for Maltese students, emphasizing on careers and preparation for work with opportunities to link up with employers. The PTI Achieve Programme provides young people with the space and attention they need to learn skills, develop confidence, raise aspirations and improve their attitude to learning as well as to form a sense of ownership of their work and development. The students are empowered to make decisions and develop leadership skills and to prepare themselves for progression into further education programmes or into the world of employment. Students participating in the programme have a wide range of topics to choose from and, also, the choice to work towards different qualifications at different levels (MQF Level 1, MQF Level 2, and MQF Level 3). PTI Achieve complements all other subjects in the Vocational and Applies route.

Topics studied:

- Career Planning
- Community Impact
- Customer Experience
- Digital Skills
- Experiencing the World of Work
- Managing Money
- Personal Development
- Preparing for the World of Work
- Presentation Skills
- Project-based learning
- Sustainability
- Teamwork Skills
- Undertaking an Enterprise Project
- Wellbeing
- Wellbeing - Healthy Eating
- Wellbeing - Physical Activity

Class activities involved:

PTI Achieve uses a flexible, modular and engaging relevant curriculum with a wide range of activities, tailored to the needs of the students. Activities include teamwork, discussions, hands-on practical activities and outdoor activities.

Homework assigned:

Since PTI Achieve is assessed through ongoing assessment all tasks related to it are carried out in class.

Assessment given:

There are no annual exams related to PTI Achieve and all work related to all levels (MQF Level 1, MQF Level 2 and MQF Level 3) are assessed through a portfolio (or e-portfolio) of evidence done in class throughout the scholastic year. Students' evidence can be in various formats such as written, digital, audio, video and visual and can be both in Maltese and/or English.

Skills acquired while studying the subject:

- Develop their own personal growth and engagement in and through learning.
- Engage in learning that is relevant to them and support their development of personal skills and attributes that are essential for working life and employment.
- Prepare themselves for progression into further education programmes and work-based learning.
- Teamwork skills and individual skills
- Communication and presentation skills
- Employment related skills
- Leadership Skills
- Digital Skills
- Interpersonal Skills

Skills required to study the subject:

None

Conclusion

We hope that you have found the information within this booklet interesting and useful.

Should you need any further assistance you can:

- Contact a guidance teacher within your school
- Ask a member of the School Administration to guide you
- Call at your respective College and ask for the Career Advisor
- Request a one-to-one session with the career advisor or with another career guidance practitioner
- Call at the National School Support Services on 2598 3488 and speak to a Career Guidance Teacher
- Have a look at the post-secondary institutions listed at the end of the booklet to see the courses they offer
- Access the following websites: myjourney.edu.mt or exploremore.project.eu

Change language (MT)

Co-funded by the Erasmus+ Programme of the European Union

exploremore

myjourney:
Achieving through different paths

This website will help you to grow personally and professionally as it helps you to understand which courses are suitable for you by exploring different sectors available and by taking a quiz.

search...

Explore the sectors

Quiz

Subjects

My Journey

Erasmus+

**We hope you
make a good
choice and wish
you the best in
your educational
journey!**

Post-secondary Institutions one can attend after Year 11

Giovanni Curmi Higher Secondary School

<https://gchss.edu.mt>

Sir M.A. Refalo Sixth Form

<http://smarsf.edu.mt>

Junior College

<https://www.jc.um.edu.mt>

Institute of Tourism Studies

<https://its.edu.mt>

Malta College of Arts, Science and Technology

<https://www.mcast.edu.mt>

University of Malta

<https://www.um.edu.mt>

Aġenzija Żgħażaġh - Youth.Inc

<https://youth.gov.mt>

GEM 16+

<https://education.gov.mt/en/education/Pages/GEM16plus.aspx>

