



Motueka High School

Today's Learners, Tomorrow's Leaders

COURSE BOOKLET

YEAR

10

2021

YEAR 10

CONTENTS	
Curriculum Flow Chart	1
YEAR 10 CORE SUBJECTS	
English	3
Mathematics	3
Science	4
Social Sciences	4
Health and Physical Education	5
YEAR 10 OPTION CHOICES	
Commerce Studies	7
Community Issues	7
Dance	7
Design & Visual Communication	8
Digital Technology	8
Drama	8/9
Electronics	9
Fabric Technology	9
Food and Nutrition	10
Hard Materials (Metal)	10
Hard Materials (Wood)	10
Languages by Correspondence	11
Mahi Toi	11
Multi Media Exploration	12
Music	12/13
Outdoor Education	13
Rural Studies	13
Science X	14
Sports Training	14
Taha Māori	14
Te Reo Māori Me Ōna Tikanga	14
Vocational Skills & Pathways	15
Visual Arts Academy	15
Art Making Intensive	15
ADVICE FOR SELECTING COURSES	16

Subject Area	Year 9	Year 10	Year 11 (Level 1)	Year 12 (Level 2)	Year 13 (Level 3)
BUSINESS STUDIES		Commerce Studies	Business Studies	Business Studies	Business Studies
ENGLISH	English	English	English 1 English 2	English 1 English 2 Media Studies	English 1 English 2
HEALTH AND PHYSICAL EDUCATION	Health and PE	Health and PE Sports Training Outdoor Education	Health PE Sport and Recreation Outdoor Education	Health PE Sport and Leadership Sports Performance Outdoor Education	Health PE Sport and Leadership Sports Performance Outdoor Education
LANGUAGES	Te Reo Māori Other Languages	Te Reo Māori Taha Māori Languages by Correspondence	Te Reo Māori Languages by Correspondence	Te Reo Māori Languages by Correspondence	Te Reo Māori Languages by Correspondence
MATHEMATICS	Mathematics	Mathematics	Mathematics 1 Mathematics 2 Mathematics 3 Mathematics 4	Mathematics 1 Mathematics 2	Calculus Statistics Mathematics Internal
PERFORMING ARTS	Music Drama Dance	Music Drama Dance Mahi Toi	Music Drama Dance Mahi Toi	Music Drama Dance Mahi Toi	Music Drama Dance Mahi Toi
SCIENCE	Science	Science Science – X Rural Studies	Science External Science Internal Horticulture and Agriculture	Biology Chemistry Physics Horticulture and Agriculture Science General	Biology Chemistry Physics Horticulture and Agriculture
SOCIAL SCIENCES	Social Sciences	Social Sciences Community Issues	Geography History Global Studies	Geography History Tourism	Geography History Tourism
TECHNOLOGY	Digital Technology Design & Visual Communication Electronic Technology Fabric Technology Food and Nutrition Hard Materials – Metal Hard Materials - Wood	Digital Technology Design & Visual Communication Electronic Technology Fabric Technology Food and Nutrition Hard Materials - Metal Hard Materials - Wood	Digital Technology Design & Visual Communication Electronic Engineering Fabric Technology Food and Nutrition Engineering Building and Furniture	Digital Technology Design & Visual Communication Electrical Engineering Fabric Technology Food and Nutrition Mechanical Engineering Automotive Engineering Building and Furniture	Digital Technology Design & Visual Communication Electrical Engineering Fabric Technology Food and Nutrition Mechanical Engineering Automotive Engineering Building and Construction
WORK/LIFE SKILLS		Vocational Skills & Pathways	Vocational Skills & Pathways Primary Trades Independent Studies	Vocational Skills & Pathways Primary Trades Academy Gateway Trades Academy Independent Studies	Vocational Skills & Pathways Primary Trades Academy Gateway Trades Academy Independent Studies
VISUAL ARTS	Visual Art	Visual Arts Academy Art Making Intensive Multimedia Exploration	Art Making Intensive Multimedia Exploration	Painting Photography Design	Painting Photography Design

CORE SUBJECTS

ENGLISH

10ENG

The Year 10 English programme is structured around two interconnected strands, each encompassing the oral, written and visual forms of the English language. These strands are:

- Making Meaning - Listening, Reading and Viewing.
- Creating Meaning - Speaking, Writing and Presenting.

English at Year 10 is a broad, varied programme to prepare students for NCEA Level 1. Our units include the reading and analysis of Literature focusing on written texts, Writing (creative and formal), Language (grammar and punctuation), Presenting, viewing and Personal Reading.

Activities will vary too, but there are set assessment tests common to all classes. Next year, the common tasks will be – formal writing, creative writing, a literature study, close viewing, and reading response. Each term students will get the opportunity to practise and develop their skills and their understanding of the strands.

MATHEMATICS

10MAT

The Year 10 course is based on Level 5 and 6 of the NZ Curriculum. The strands are:

- Number and Algebra
- Geometry and Measurement
- Statistics

Year 10 Mathematics is a vital building block for NCEA. It is essential that all students have their own Scientific Calculator as topics such as Trigonometry are introduced in Year 10.

We recommend the Casio brand of calculator.

Most Year 10 students are also given the opportunity of sitting the Level 1 Measurement Achievement Standard (3 credits) during the second half of the year.

This course aims to improve students understanding of the world around them, so they can make better sense of it, and therefore make informed decisions that will impact their lives and futures.

The course will develop skills such as:

- Making careful observations and using all senses to collect information.
- Looking for evidence to support explanations.
- Realising not all questions can be answered by science.
- Representing ideas in a variety of ways, including models, graphs, charts, diagrams and written texts.
- Using all the above skills to understand how science describes “real life” contexts.

Topics include:

Electricity, Geological Features of New Zealand, Genetics, Matter, Forces, Heat & Energy, Reactions and Cells

Extra opportunities include the Cawthron SciTech Expo, numerous online resources, Big Science Competition, Environmental Science, Conservation Week and Sea Week as advertised in school notices.

In Social Science, students explore how societies work and how they themselves can participate and act as critical, informed, and responsible citizens.

The Social Science programme is planned so that students gain knowledge and understanding about events, places, and people of significance to New Zealand and beyond, in the past and the present.

Students explore the unique and bi-cultural nature of New Zealand that derives from the Treaty of Waitangi. They learn about people, places, cultures, histories, and the economic world. Throughout the year, students develop inquiry skills to select and process information about environmental, social, economic, and political issues.

Course Overview:

- Resource Management and Sustainability - Kaitiakitanga – Our people our future.
- Our Connecting World – Globalisation, the impacts, and consequences.
- Having A Say – Human Rights. People paving our future creating positive change.
- Treaties over time – A chance to investigate treaties from around the world that have shaped societies.

Physical Education:

The year 10 programme extends students to develop knowledge and skills about what can influence their personal well-being and that of others. Students continue to use the key competencies of the New Zealand curriculum to establish goals and measure improvement in physical and health contexts. Furthermore, students shape, question and challenge a range of attitudes and values in varying practical and theory contexts.

Students explore a range of influencing factors on an adolescent, which could be health harming (risk factors), or health enhancing (protective factors). They then explore the consequences (positive and negative) of these influences, in order to communicate strategies to reduce risk and maintain protection.

Practical activities include, however are not limited to:

- Surf lifesaving, fitness, international and national games, volleyball, evasion, net and wall, striking and fielding games.

Health:

Moving forward from Year 9, this course aims to deepen understanding of the concepts of Hauora, Attitudes and Values and Decision making.

Topic 1 includes:

Diversity, Gender and sexuality, Resilience, Body image, Discrimination, Social media, Mental health stigma, Stress and relaxation, Anxiety and depression, Mental health foundation - 5 ways to wellbeing.

Topic 2 includes:

Diversity, Sexual identity, Gender issues, Reproductive health, Contraception, Sexually transmissible infections, Sexual attraction and Maturation, Effects of pornography, Consent and Ethical issues,

Topic 3 includes:

Students will examine the influence that alcohol and other drugs, (such as Marijuana, Tobacco and Methamphetamine) has on Hauora. They will also examine different models of decision making in relation to alcohol and other drugs.

OPTIONAL SUBJECTS

COMMERCE STUDIES

10COM

Length of Course: Half-year

Course Summary: This course is an introduction to Economics and Accounting. It covers the different sectors of the New Zealand economy and how they are linked, understanding your rights as a consumer, budgeting and accounting processes. The opportunity will be given to do an Accounting Achievement Standard worth 3 credits.

COMMUNITY ISSUES

10ISS

Length of Course: Half-year

Course Summary: Students engage in research on a topic of interest in the local community e.g. Community Pool, Removing the Janie Seddon etc. Students select a topic, design a questionnaire and interview members of the public. The data is organised into computer aided tables and graphs using Excel and a PowerPoint style slide show is produced to present the results to interested community groups. The ideal outcome is when our results are used by decision makers to influence their decisions e.g. Community Swimming Facilities, action on traffic congestion or the future of the Janie Seddon

DANCE ONE – Choreography

10DAN

Length of Course: Half-year

Course Summary: Students will be introduced to choreographic devices and expand on concepts explored in Year 9. There is an opportunity to choreograph group and duet performances. Students can view and respond to a range of dance videos, analysing how the production technologies (costume, lighting, music, set) and the choreography communicates moods, messages and ideas. Students will have the opportunity to perform their choreographies within and outside the classroom. As part of this course students may get the chance to work with professional choreographers and/or companies.

DANCE TWO – Perform

10DAT

Length of Course: Half-year

Course Summary: Students study a selected range of dance styles and learn about their histories and contexts. They will have opportunities to perform within and outside of the classroom to develop confidence. Students learn a routine choreographed by the teacher (style to be determined by the group). Students explore ensemble skills and apply production technologies (costume, lighting, set, music) in a formal performance situation.

As part of this course students may get the chance to participate in workshops with guest tutors.

DESIGN & VISUAL COMMUNICATION

10DVC

Length of Course: Half-year

Course Summary: Students will investigate design heritage and develop skills in design thinking and visual literacy through completion of design projects. They will also develop skills in drawing – freehand sketching, instrumental drawing and the use of CAD programmes. Students who did not choose DVC in Year 9 are welcome.

DIGITAL TECHNOLOGY

10DGT

Length of Course: Half-year

Course Summary: Using digital contexts Year 10 students will develop a more advanced foundation of research, design, problem solving and digital technology skills, which will prepare them for NCEA in Year 11 and above. Students will also become confident users and creators with Digital Technology, which will give them important skills that can be used at school or the workplace. These skills will be taught through real life examples so they can be transferred to students work in other classes and workplace environments.

Students will cover:

- Digital Citizenship
- The design process and digital design using Adobe Photoshop and Illustrator
- Desktop publishing and digital solutions using Microsoft Office Suite
- Introduction to Python Computer programming and mark-up language for website coding (HTML and CSS)

DRAMA ONE – Improvisation and Devising

10DRA

Length of Course: Half-year

Course Summary: Students will explore all the elements of the dramatic arts through the form of Improvisation, including Theatre sports. This will include; Staging, Blocking, Voice-work, Role playing and Characterisation.

Each term, the students will then select a style of theatre from the following genres (Soap Opera, Horror, Ancient Greek Theatre, Mask, Clowning, Magicians or Mime) and devise an original script. The plays they write will be performed to an invited audience or tour local Primary and Preschools. Throughout the course, students will also have the opportunity to work with Drama technologies such as lighting, set design, costume, hair and make-up.

DRAMA TWO – Junior Production

10DRT

Length of course: Half-year

Course Summary: The course begins with script work. Students then explore acting techniques (voice, body, movement and space) with a range of text - monologues, duologues, scripts without given circumstances and group text. Improvisation games and exercises throughout the course allow for the exploration of a range of roles and situations.

The focus of the second term is the class production. Students explore the rehearsal process, characterisation exercises, apply production technologies (costume, makeup, lighting, sound/music, set, props). Students are expected to perform an acting role or a production technology role to an invited audience.

ELECTRONICS

10ELT

Length of course: Half year

Course Summary: Students will be given the opportunity to extend their ability to design and construct a wider range of electronic products applicable in everyday situations. They will learn to realise the scope of electronic applications in the world through practical investigation and by building a working system.

The course will also offer extension work into building robotic systems and programmable electronic devices.

Contribution: \$10 for the take home component.

FABRIC TECHNOLOGY

10FBT

Length of course: Half-year

Course Summary: This course follows on from Year 9 Fabric Technology.

In this half year course students will create sleepwear and streetwear garments. Students will follow technological practice through brief development to ensure the pyjamas and hoodie sweater are designed for comfort, style and fit for purpose. Students use the design process to create a screen-printed T-Shirt, construct pyjama pants and hoodie sweater from a pattern. They construct and evaluate the finished solution against their specifications.

This fun, hands on course will give students the opportunity to gain experience using industrial machinery used within the fashion industry and build confidence and knowledge in their sewing ability.

Students will have the opportunity to gain six credits in Level 1 NCEA, focusing on accurately and independently implementing basic construction procedures.

FOOD AND NUTRITION

10FNT

Length of Course: Half-year

Course Summary: The course covers food safety, the foundations of nutrition and research skills. This course leads onto Food and Nutrition in Years 11, 12 and 13.

Topics include:

- Safe food handling practices
- Understanding of food and nutrition for optimal health
- Planning and preparing wholesome seasonal food
- Busting the myths on food trends
- Sustainable food practices

Contribution: \$25 for the take home component.

HARD MATERIALS – METAL

10MWK

Length of Course: Half-year

Course Summary: Students will be expected to build on skills gained in Year 9. The course is divided into two parts: a technology based project with a 'design and make' theme and a skills based project which teaches a range of machine and hand skills. It is expected that all students will work accurately, safely and independently. This course prepares students for NCEA Level 1 Engineering.

Contribution: \$10 for the take home component

HARD MATERIALS – WOOD

10WWK

Length of Course: Half-year

Course Summary: Students will be expected to build on skills gained in Year 9. A range of practical projects and design tasks will be undertaken to increase their knowledge base and understanding. Projects will be primarily furniture based and it is expected that all pupils will work accurately, safely and independently. There will be the opportunity for individual design based projects to be undertaken. This course prepares students for NCEA Level 1 Furniture Making and Building.

There may be an opportunity to be assessed against NCEA standards.

Contribution: \$10 for the take home component

LANGUAGES BY CORRESPONDENCE

Te Aho o Te Kura Pounamu (The Correspondence School) offers other language courses via distance learning. Once enrolled in a course Year 10 students work through learning activities online.

Assessments include; Speaking, Listening, Reading and Writing. Students can communicate with a teacher via Skype, email and telephone and will be supervised at school.

Students choosing this option will be interviewed as to their suitability. They must have a connection to the country of language they wish to study and/or have studied it before.

Options include: Japanese, Chinese, German, Spanish or French.

MAHI TOI

10MTO

Mahi Toi One - Local Curriculum

Length of course: Half-year

Course Summary: Students will explore aspects of Mahi Toi that relate to our local area and environment. Kapa Haka and Mau Rākau form the basis of performance opportunities. Students will choose how they share their learning and expertise. A range of learning connections are provided and students select a course that interests and meets needs.

Examples of possible studies...

- make a pouwhenua/ carving
- compose/learn a waiata about Motueka
- explore local tourism and place names
- kēte weaving
- identify Kapa Haka practitioners and their influence
- choreograph new Māori dance
- examine Te Hekenga pātere
- learn Mau Rākau (long stick) skills
- explore hand, stick and string games
- make and perform with poi

Entry Requirements: Open to all students. This is a performance and/or doing (creative) course. Ideally students will have regular attendance, the ability to contribute ideas to group work, sound communication skills and a positive attitude.

This course leads to: Mahi Toi year 11, 12 and 13

MULTI MEDIA EXPLORATION

10MME

Length of course: Half-year

Course Summary: This course has a focus on art and design using multiple mediums. Students will learn how to convey a message or concept through learning drawing skills and various ways of bringing across the idea. This can include multi-media such as collage, digital drawing skills such as Photoshop and traditional methods such as painting and ink work. Students will be exposed to contemporary art in many forms and will also learn how type and imagery can convey meaning. You cannot take this course if you are in the Arts Academy.

Choose this course if you are interested in traditional drawing and working in other ways like digital media, sculpture, or photography.

Topics could include (time dependent and based on class interest)

- Preparing an artwork for the annual Year 10 Art exhibition
- Poster design
- Portfolio of work creating your own brand and making products and logos for it
- Stencil art
- Sculpture projects
- Photoshop/digital drawing
- Multimedia collage work
- Photography
- **This course is designed to lead into Year 11 MME.**

MUSIC ONE

10MUS

Length of Course: Half-year

Course Summary: This course continues to develop students' musical skills and knowledge, as well as the NZ Curriculum.

Key Competencies: Thinking, Using Language, Symbols and Texts, Managing self, Relating to others and Participating and Contributing. The course also prepares them for NCEA Music. Because of the practical nature of the course it is recommended that students play an instrument or sing.

Topics include:

- Solo & Group Performance
- Songwriting
- Compare and contrast musical works
- Aural and theory skills
- Music notation and score reading
- Using Music Technology
- Research project

MUSIC TWO

10MUT

Length of course: Half-year

Course Summary: This course continues to develop students' musical skills and knowledge, as well as the NZ Curriculum

Key Competencies: Thinking, Using language, Symbols and Texts, Managing self, Relating to others and Participating and Contributing. The course also prepares them for NCEA Music. Because of the practical nature of the course it is recommended that students play an instrument or sing.

Topics include

- Solo & Group Performance
- Composition
- Film music
- Aural and theory skills
- Music notation and score reading
- Setting up and using a P.A. to enhance the sound for a performance

OUTDOOR EDUCATION

10OED

Length of Course: Half-year

Course Summary:

Students will be introduced to the endless adventure opportunities available in the New Zealand outdoors through research, theory and practical experiences. Students will gain an understanding of the holistic benefits of challenging themselves in the outdoors

A willingness to face these challenges, work within a team and complete tasks are all essential components for this course.

The course will conclude with a 3 day camp where students can put the skills they have learnt into practice. The location, logistics and activities of the camp are all planned and prepared by the class.

Contribution: Outdoor Education is a subject that involves a number of activities outside the school. Some of these will be optional and will incur costs. Please be aware of this when selecting this course and confirm details with the Outdoor Education teachers and Head of Department.

RURAL STUDIES

10RUL

Length of Course: Half-year

Course Summary: A 6 month introductory course based on the primary industries of NZ, food production and processing. We will cover some basic Horticulture, Agriculture, Forestry, Fishing and Biotechnology topics. There will be practical work involved, growing produce in the gardens, and making food products in the classroom, such as cheese, yoghurt and ginger beer. Students will investigate the science behind plant and animal growth and development, the significance of the Primary sector to the NZ economy, marketing of NZ primary produce.

SCIENCE X

10SCX

Length of course: Half-year

Course Summary: Students will be introduced to such diverse topics as Forensic Science, Environmental Science and a topic of their choosing. They may have the opportunity to be a part of the restoration work being carried out by Project Janszoon in the Abel Tasman National Park and be able to discuss contemporary science in the media and ethical issues around scientific discoveries.

SPORTS TRAINING

10SPT

Length of course: Half-year and Full Year option (Limited places)

Course Summary: Fitness and training programme for students who are preparing for competitive sports. The course is designed for athletes whose goal is to perform at regional and national level. It will challenge them physically and mentally.

The emphasis in this course is on practical knowledge and performance analysis. It is made up of fitness, training, nutrition, personal development, sports psychology and leadership.

Students can choose the first half year (1) or second half year (2) depending on when they need to be at peak fitness level. Students can complete this course as a whole year course. Entry to this course is by application.

TAHA MĀORI

10TMA

Length of Course: Half year

Course Summary: Building on Year 9 Taha Māori, students are exposed to more Te Reo and Tikanga. Students will be able to perform karakia and waiata with confidence, will retell stories specific to Motueka and will learn about Te Awhina Marae. They will find out about our local iwi and begin to use Te Reo Māori in different contexts.

**TE REO MĀORI ME ŌNA TIKANGA
(MĀORI LANGUAGE, CUSTOMS AND PRACTICES)**

10MAO

Length of Course: Full-year

Course Summary: Year 10 Māori continues on from Year 9 Māori with emphasis on oral language production. Students are also exposed to writing in Te Reo Māori as a lead-in to NCEA. Compulsory elements of the course include Tikanga Māori, Ngā Manu Kōrero school speech contest, Kapa Haka, Noho Marae and an introduction to leadership. In Term 4, the class is tasked with a major project "Plan a Hui"; the Māori Department's annual Noho Marae. It is a group task.

VOCATIONAL SKILLS & PATHWAYS

10VSP

Length of course: Half-year

Course Summary: Students develop their literacy and numeracy skills doing project and interest work. The focus is on self-directed learning and preparing for life after school. Students can work towards a Shooting Star award by completing tasks on topics such as Sport and Leisure, Creativity, Healthy Living and the Household, Creative Experience, and NZ Culture.

Students will be recommended for this course by their Dean, Form Teacher or subject teachers and advised if they are selected.

VISUAL ARTS ACADEMY

10ACY

Length of Course: Full-year

Course Summary: This course aims to extend student's artistic skill and knowledge over a year. Students taking this subject must be serious about art and be intending to further it in Year 11.

Topics Include:

Longer projects that focus on core art making skills through experimenting with different media. This includes looking at various artist models and styles of art. Students also make a piece for the annual Year 10 exhibition at the beginning of Term 3. The theme for this is different every year.

Students who are interested in this course need to apply with a portfolio of work. Application forms will be available from the school office.

Contribution: \$20 for take home component.

ART MAKING INTENSIVE

10AMI

Length of Course: Half-year

Course Summary: This course has a focus on **drawing, painting, and mixed media**. Students will learn various painting and drawing techniques through a variety of different projects. Students will be exposed to contemporary art through looking at a variety of different artists to help inspire their work. You cannot take this course if you are in the Arts Academy.

Choose this course if you are interested in more traditional art making.

Topics may include: (time dependant and based on class interest)

- Learning how to use acrylic paint in a project
- Practising your drawing and shading skills
- Using other media like ink and watercolour paint
- Completing an artwork to go in the annual Year 10 Art exhibition
- Using multimedia on one piece of work

This course is designed to lead onto Year 11AMI

SELECTING YOUR COURSE OPTIONS

<p>Think about what subjects/things you are good at and/or what you want to do once you have finished high school.</p>	<p style="text-align: center;">I am good at</p> <p style="text-align: center;">In the future I am interested in.....</p>
<p>Talk to people about your ideas or to help you get ideas. Try talking to subject teachers, your form teacher, older students or siblings, parents, Dean, careers staff.</p>	<p>I have talked through my ideas with...</p> <p>You can also use websites such as www.careers.govt.nz or MyCareerMatch or CareerQuest</p>
<p>Make sure you understand the requirements and/or prerequisites for the pathway you are interested in. Fill out any application forms if necessary. Refer back to your subject reports</p>	<p>The requirements I need to take these option subjects are.....</p>
<p>Make sure you have talked about the costs with the person who is paying the bills.</p>	<p>The costs for each subject are....</p>
<p>Making your Course Selections</p> <p>Course selections for 2021 will be completed online via the Parent Portal.</p> <p>Please note that Te Kura courses have a selection process and require prior approval from Ms Fry.</p> <p>If you have approval for a Te Kura Course then leave one of your choices blank.</p>	<p>Make sure you have back up subjects</p>