



Karamu High School

Year 10 Course Booklet 2020



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Year 10

COURSE INFORMATION

This booklet provides you with information on the Year 10 Curriculum offered at Karamu High School in 2020.

The New Zealand Curriculum Framework requires students to study each of the following seven Essential Learning Areas in Years 9 and 10

- **English**
- **Mathematics**
- **Science**
- **Social Studies**
- **Physical Education and Health**
- **Technology**
- **The Arts**

In addition, students are encouraged to take a Language. Karamu High School offers two Languages – Japanese and Maori.

If you require any further information about any course offered or require assistance with choosing options students should talk to their Deans, Mrs Tash Crawford or Mr Kane Nepe Apatu, or to the Deputy Principal in Charge of Curriculum and Assessment. Course teachers and form teachers can also give assistance.

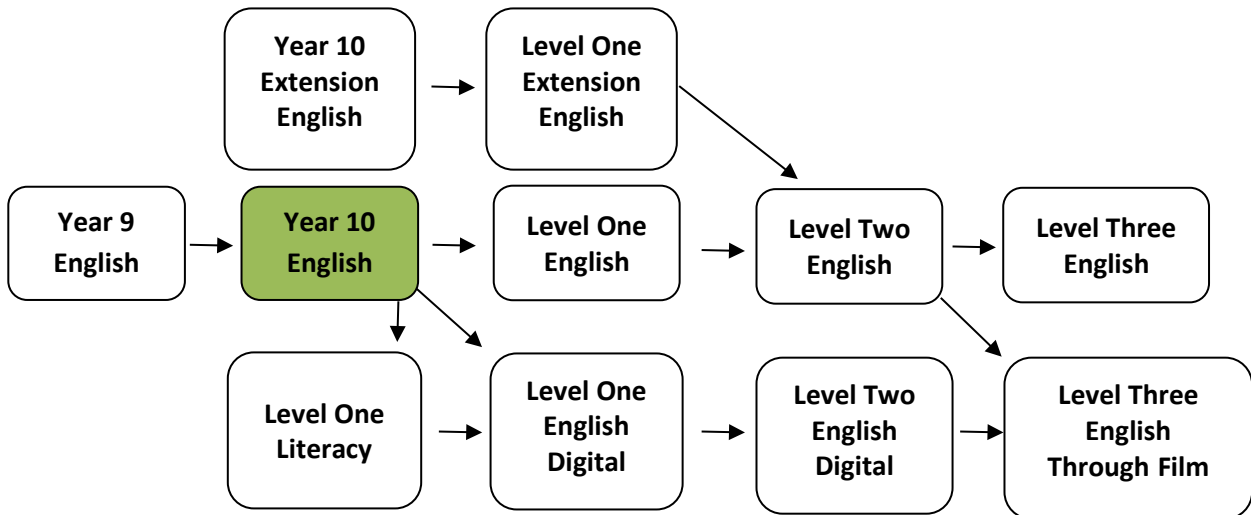
Year 10

CURRICULUM STRUCTURE

Students at Year 10 take all the Compulsory courses and choose **FOUR** Option Courses from the list below.

Essential Learning Areas	Choosing your Courses
English Mathematics Science Social Studies Physical Education & Health	All of these courses are compulsory
Japanese Te Reo Maori	Students are encouraged to take a Language A Language will be studied as <i><u>two of the four options</u></i>
DVC Food Innovation Product Design Building Fashion and Textile Design Digital Technology	<h1 style="font-size: 2em;">Students choose four of these</h1>
Visual Arts Dance Drama Music <i>or</i> Extension Music Media Studies	
Business Studies	

ENGLISH



Compulsory Course

English is a compulsory course at Year 9, 10, 11 and 12.

Students are encouraged to take English in Year 13.

Skills I will learn in Year 10 English

- Reading a variety of texts for enjoyment and understanding
- Writing in a variety of styles
- Listening carefully and responding
- Learning and thinking independently
- Discussion skills
- Presenting and explaining information in a visual form
- Viewing visual material effectively
- Research skills

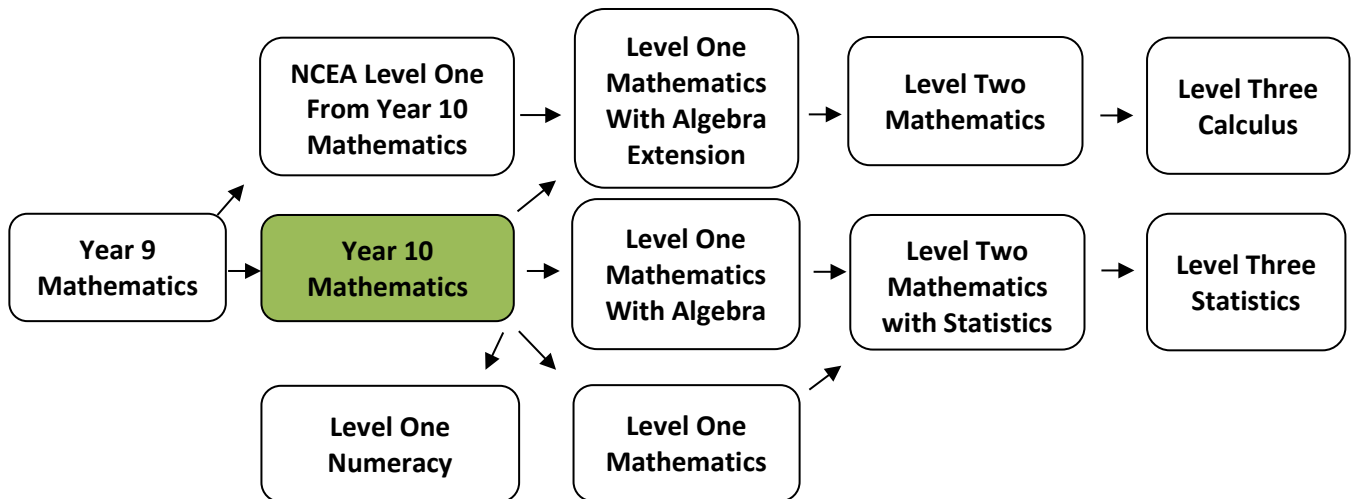
Topics covered in Year 10 English

- Reading for a purpose and enjoyment
- Writing creatively, formally and as a response to text
- Speaking and listening in small and large groups
- Viewing and presenting
- Research
- Thinking critically about texts, both studied in class and independently chosen

These skills will be gained through the study of: novels, short stories, drama, poetry, non-fiction, newspapers, magazines, films, speeches, debates.

Possible costs associated with Year 10 English: None

MATHEMATICS & STATISTICS



Compulsory Course

Mathematics is a compulsory course at Year 9, 10 and 11.

Students are encouraged to take Mathematics in Year 12 and 13.

Skills I will learn in Year 10 Mathematics

- How to solve number problems involving fractions, decimals, and percentages
- How to use measurement devices and formulae to solve problems
- How to use statistical methods to explore data
- How to use algebra to generalise patterns and solve problems
- How to communicate geometrically using relational thinking

Topics covered in Year 10 Mathematics

- Measurement
- Geometry and Transformations
- Number and Algebra
- Statistics and Probability

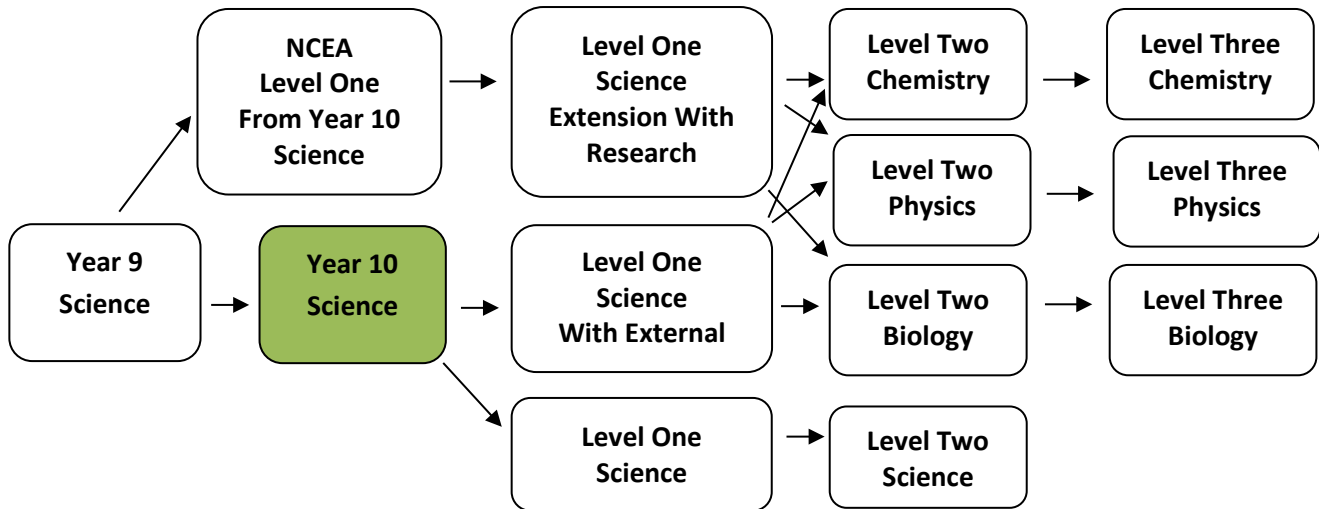
Most students at the end of the course will be working within Level 5 of the New Zealand National Curriculum in preparation for NCEA Level One.

Possible costs associated with Year 10 Mathematics:

Students require a ruler and a scientific calculator (Casio fx-82AU)

NCEA Level One from Year 10: \$12.00

SCIENCE



Compulsory Course

Science is a compulsory course at Year 9, 10 and 11.

At Year 12 and 13 students can specialise in one or more of the Science courses.

Skills I will learn and develop in Year 10 Science

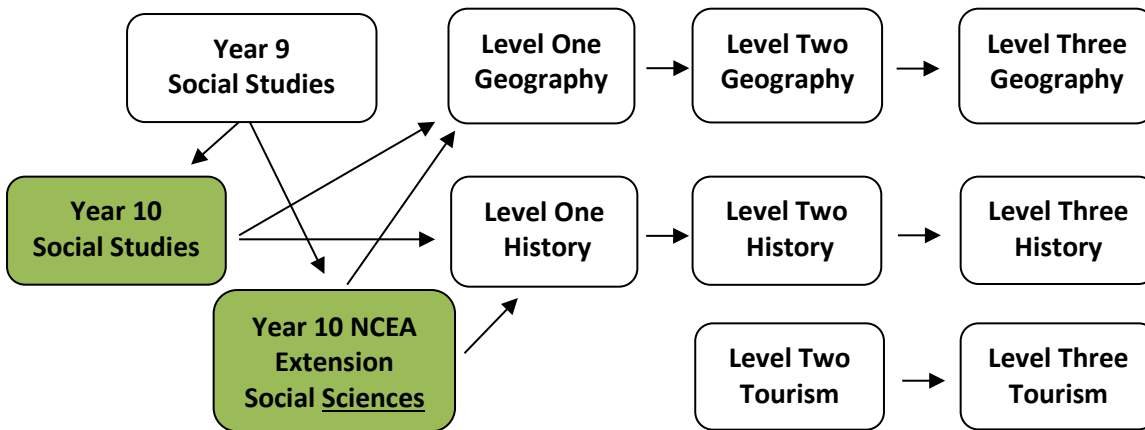
- Appreciate that science is a way of explaining the world
- Ask questions, find evidence and explore simple models
- Begin to use a range of scientific symbols and vocabulary
- Explore various aspects of an issue and make decisions about possible actions

Topics covered in Year 10 Science

- Unique New Zealand
- Energy
- Body Systems
- Climate Change
- CSI Karamu
- Electricity
- Acid and Bases
- Light and Sound

Possible costs associated with Year 10 Science: To be confirmed

SOCIAL STUDIES



Compulsory Course

Social Studies is a compulsory course at Year 9 and 10

Topics covered in Year 10 Social Studies will be selected from;

- Rights, Wrongs and Social Action. What are our **human rights**?
- New Zealand History and the **Living Treaty**. The story of New Zealand
- **Thinking different**. Sustainability and Resources
- Social Science **Skills**

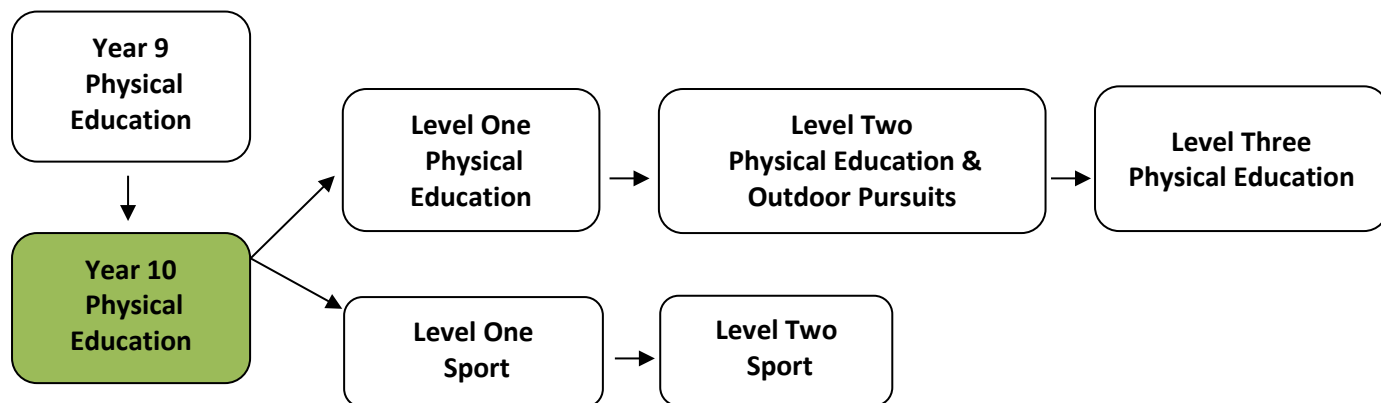
Skills

21st Century Skills include:

- Think critically and independently
- Become computer literate using a variety of software and programmes
- Understand and carry out research methods
- Ask questions and examine current issues
- Make informed decisions and solve problems
- Communicate confidently
- Become an effective team player and co-operative learner
- Active participation in society

Possible costs associated with Year 10 Social Studies: None

PHYSICAL EDUCATION



Compulsory Course

Physical Education is a compulsory course at Year 9 and 10

Skills I will learn in Year 10 Physical Education

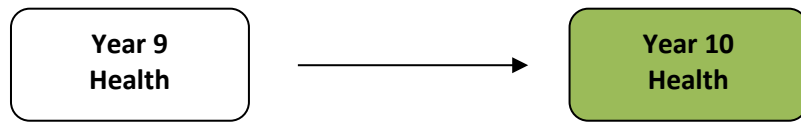
- The ability to interact with others and work together
- Development of motor skills, knowledge and understanding about movement
- The knowledge, understandings, skills and attitudes needed to enhance personal well-being and physical development
- Listening and applying information

Topics covered in Year 10 Physical Education

- Motor skills
- Creating space – badminton
- Fitness
- Using your team – volleyball
- Invasion games – basketball, hockey, football, capture the flag
- Working together
- Tactical Awareness - Cricket

Possible costs associated with Year 10 Physical Education: None

HEALTH



Compulsory Course

At Year 10 students have Health for one hour a week

Skills I will learn in Year 10 Health

- Understand health issues in terms of themselves, peers and society
- Reflect on their own learning, draw on personal knowledge and intuitions, ask questions, and challenge ideas and views
- Make safe decisions and build healthy relationships
- Work with a wide range of people, listen, show empathy, negotiate and share ideas
- Be self-motivated to meet new challenges and set high standards for themselves

Topics covered in Year 10 Health

Unit 1 *SMART Thinking*

Unit 2 *Decision making/Problem solving*

Unit 3 *Keeping ourselves safe: Drugs*

Unit 4 *Nutrition & Exercise*

Unit 5 *Sexuality*

Possible costs associated with Year 10 Health:

\$12.00 for paper resources

BUSINESS STUDIES



Option Course

Business Studies is an option course at Year 9 and 10 and leads onto NCEA Level One Business Studies.

Topics in Year 10 Business Studies

Year 10 Business Studies is divided into: -

- Understanding entrepreneurship
- The Enterprise Experience – Product development
- Advertisement creation
- Enter the “Dragon’s Den

Topics will be chosen from:

- Introduction to economic concepts
- How consumers use their scarce resources to satisfy their wants and needs
- Money, income, taxation and savings
- The role of the entrepreneur in a modern economy
- Creating a business plan – including publicity and marketing
- Operating a small business – presenting a business plan and presentation
- Product development

Skills I will learn in Year 10 Business Studies

- Individual work skills
- Negotiating and decision making
- Interviewing, writing questionnaires and market evaluations
- Teamwork and collaboration
- Writing and communication skills
- Presentation skills
- Time and self-management
- Marketing Skills
- Creative Design

Possible costs associated with Year 10 Business Studies: None

JAPANESE



Option Course

Languages are optional but students are encouraged to take one Language.

At Year 10 Japanese is a full year course taken as two options.

Students should have studied Japanese in Year 9 or have equivalent knowledge.

Skills I will learn in Year 10 Japanese:

- Basic skills in listening, speaking, reading and writing Japanese
- An understanding of another culture
- Working co-operatively

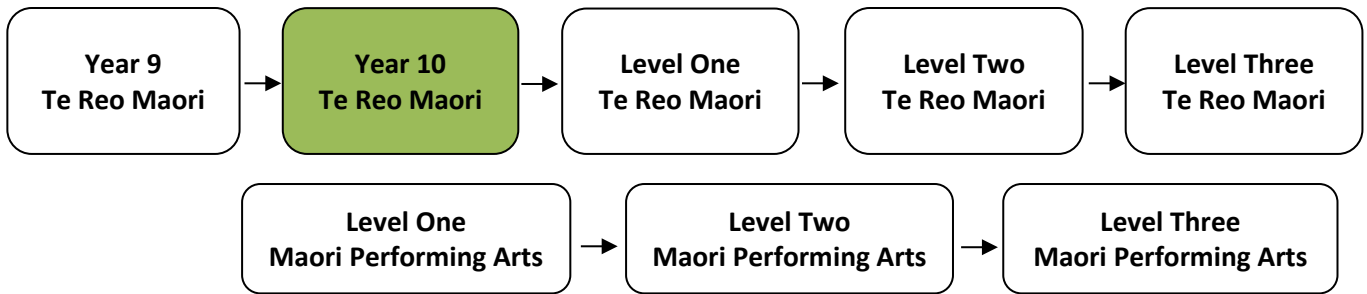
Topics covered in Year 10 Japanese: -

Japanese language is learnt by studying the following themes: -

- Me, my family, my home and my pets
- School – The classroom
- Leisure activities
- Weather
- Eating and Drinking
- Shopping

Possible costs associated with Year 10 Japanese: \$25.00

TE REO MAORI



Option Course

Languages are optional but students are encouraged to take one Language.

At Year 10 Te Reo Maori is a full year course taken as two options.

Students should have studied Te Reo Maori in Year 9 or have equivalent knowledge

Skills I will learn and develop in Year 10 Te Reo Maori

- Basic skills in reading, writing, speaking and listening
- Working co-operatively
- To participate in Maori concepts

Topics I will cover in Year 10 Te Reo Maori

- Toku Whakapapa
- Mahi Korero/Mihi/Karanga
- Panui/Tuhituhi
- Waiata
- Tōku Marae
- Mahi Toi/Tākaro
- Tikanga Maori
- Ngā pūrakau

Possible costs associated with Year 10 Te Reo Maori: \$25.00

TECHNOLOGY

At Year 10 students can choose from:-

- DVC
 - Food Innovation
 - Product Design
 - Building
 - Fashion and Textile Design
 - Digital Technology
- Students may select only one of these**

Each of these Technology courses can lead onto NCEA Level One, Two and Three.

DVC

(Design and Visual Communication)



Option Course

DVC is one of the Technology courses that Year 10 students can choose from

Skills I will learn in Year 10 DVC

- Understand the design process and design development
- Learn the skills of freehand drawing, rendering and instrumental drawing
- Ability to be innovative and creative
- Photoshop for architectural design
- Sketch-up and digital modelling for architectural design
- Model/mock-up making

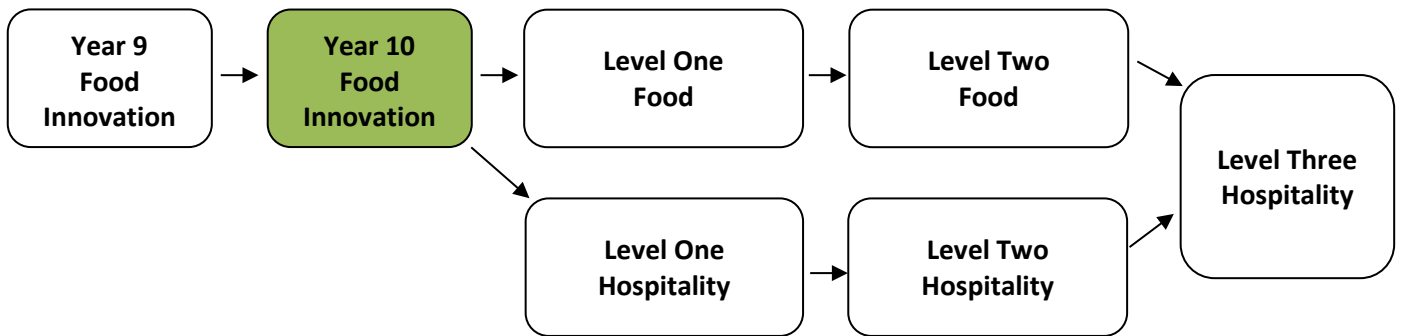
Topics covered in Year 10 DVC

- Students are initially taught basic skills in freehand drawing, rendering, and instrumental drawing
- Students learn about the design process with two briefs: a product design project, and an architectural spatial design project

Possible costs associated associated with Year 10 DVC:

\$30.00

FOOD TECHNOLOGY



Option Course

Food Technology is one of the Technology courses that Year 10 students can choose

Skills gained in Year 10 Food Technology

- Problem solving skills
- Showing initiative
- Group work – co-operative skills
- Creativity
- Practical skills – techniques and processes in food production

Topics covered in Year 10 Food Technology

- Food safety
- Investigate influences on adolescent food choices
- Investigate the importance of healthy food choices
- Develop and produce a gourmet burger
- Practical cooking

Possible costs associateds associated with Year 10 Food Technology: -

\$35.00 - All food is supplied by the school

PRODUCT DESIGN



Option Course

Product Design is one of the Technology Courses Year 10 students can choose. Students may only select either Product Design or Building.

Skills gained in Year 10 Product Design

- Problem solving skills
- Drawing and design methods
- Material knowledge
- Computer aided construction techniques, such as CNC Router, Laser Cutter and 3D Printer

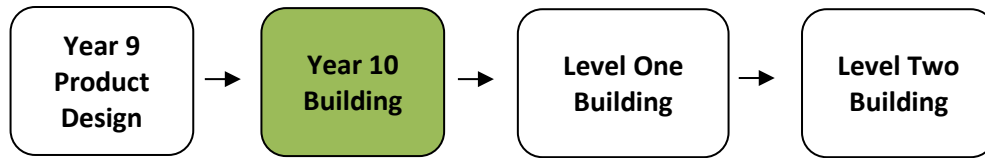
Topics covered in Year 10 Product Design

- Workshop safety
- Tools and machines
- Materials
- Using the design process to plan and create projects using a range of materials, tools and machines

Possible costs associateds associated with Year 10 Product Design: -

\$30.00

BUILDING



Option Course

Building is one of the Technology Courses Year 10 students can choose. Students may only select either Building or Product Design.

Skills gained in Year 10 Building

- Basic timber construction techniques
- Shaping, joining, forming and finishing timber
- Working co-operatively in a workshop environment
- Computer aided construction techniques

Topics covered in Year 10 Building

- Safety
- Materials
- Hand and Power Tools
- Plan reading and drawing
- Introduction to CNC Router
- Practical building projects

Possible costs associated with Year 10 Building: -

\$30.00

FASHION & TEXTILE DESIGN



Option Course

Fashion and Textile Design is one of the Technology courses Year 10 students can choose from.

Skills I will learn in Year 10 Fashion and Textile Design

- Problem solving skills
- Showing initiative
- The ability to be innovative and creative
- The ability to experience a sense of accomplishment
- Self-management skills
- Safety
- Sewing Techniques

Topics covered in Year 10 Fashion and Textile Design

- Applied design – applique, stencilling and embellishment
- A garment to suit the season
- Brief development to produce a suitable design and construction of a quality product
- Advanced sewing machine licence and over locker licence

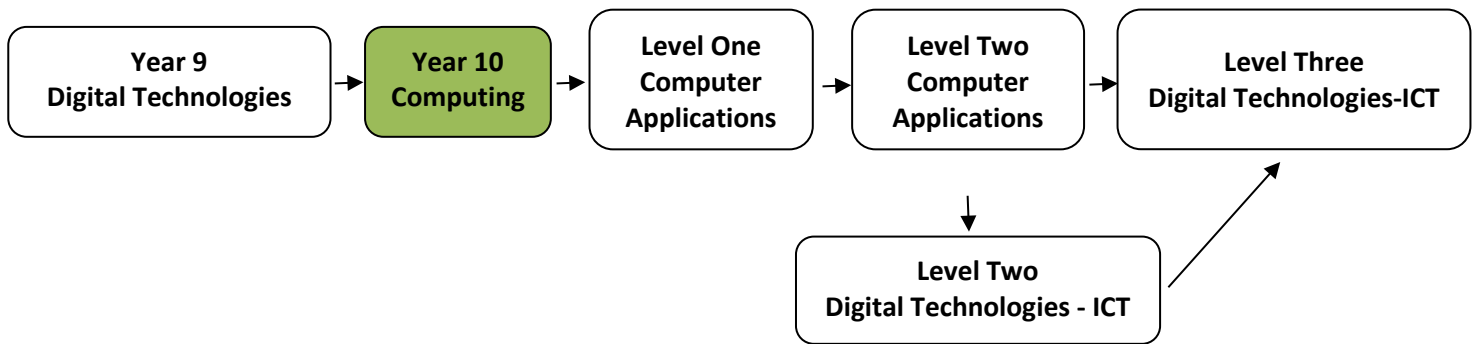
This is a very student-centred learning environment where students are encouraged to be creative, innovative and self-motivated

Possible costs associated with Year 10 Fashion and Textile Design: -

\$40.00

DIGITAL TECHNOLOGIES

COMPUTER APPLICATIONS



Option Course

Computing is one of the Technology courses Year 10 students can choose. Students should have studied Year 9 ICT or have an equivalent skill level.

Skills I will learn in Year 10 Computing

- Standard operating and file management procedures
- Ethical behaviour and how to be safe within a digital technology environment
- The ability to be innovative and creative
- Showing initiative
- Technological process to achieve an appropriate solution

Topics covered in Year 10 Computing

Year 10 Computing further develops the Skills I will learn in Year 9 and may include: -

- Word Processing
- Databases
- Hardware and Software Theory
- Graphics
- Desktop Publishing
- Web Design
- Programming
- Technology Design and Planning

Possible costs associated with Year 10 Computing: None

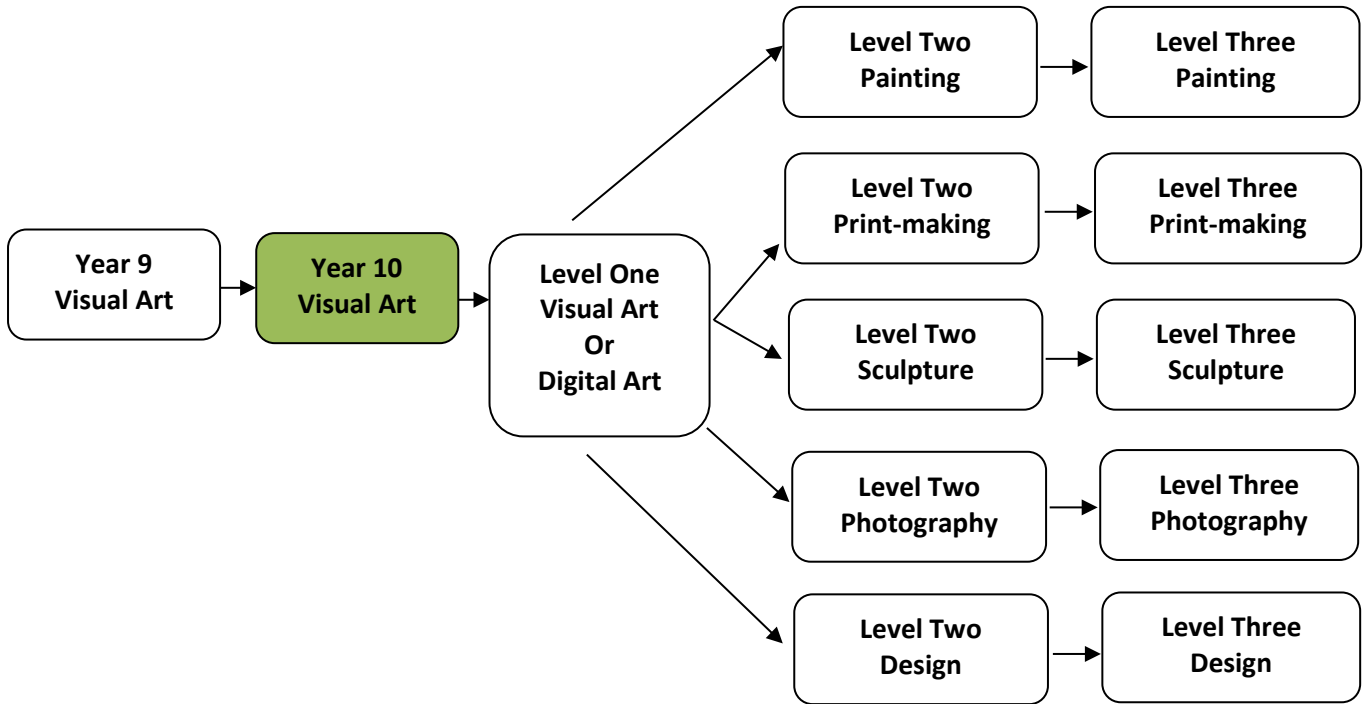
THE ARTS

At Year 10 students can choose from:-

- Art
 - Dance
 - Drama
 - Music
 - Music Extension
 - Media Studies
- Students may select only one of these**

Each of these Arts courses can lead onto study for NCEA Level One, Two and Three.

VISUAL ARTS



Option Course

Visual Art is one of the Arts courses Year 10 students can choose. Year 10 Art leads on to Level One NCEA Art or Digital Art.

Skills I will learn in Year 10 Visual Art:

- Develop artistic and aesthetic understanding and skills
- Creativity and innovation through the study and creation of new Artworks
- Ability to generate and develop ideas in a range of Media and Techniques

Topics covered in Year 10 Visual Art:

- Drawing looking at proportion, tonal aspects and composition.
- Digital Photography and Design
- Sculpture
- Painting and colour theory
- Printmaking

Possible costs associated with Visual Art: \$25.00

DANCE



Option Course

Dance is one of the Arts courses Year 10 students can choose.

Skills I will learn in Year 10 Dance:

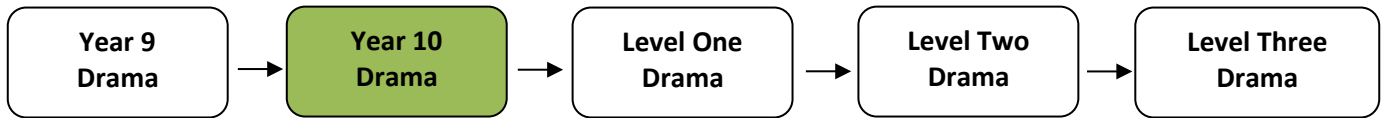
- To further develop confidence and self-discipline
- Ability to work co-operatively in a group
- Creativity
- Choreography skills – creating movement around a theme or idea
- Performance skills

Topics covered in Year 10 Dance:

- Choreography techniques
- Use the Dance elements to create movement sequences and extend dance skills
- Different styles of dance; Hip Hop, Jazz, Ballet, Contemporary, Social Dance, Cultural Dance, Theatre Dance
- Introduction to choreographic devices

Possible costs associated with Year 10 Dance: \$10.00

DRAMA



Option Course

Drama is one of the Arts courses Year 10 students can choose.

Students need to have a genuine interest in Drama and an enthusiastic approach to performing

Skills I will learn in Year 10 Drama:

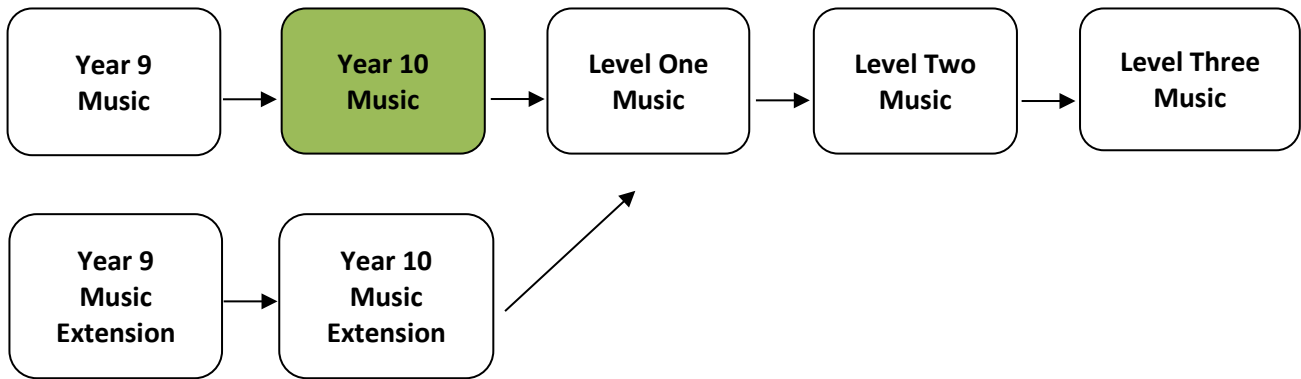
- Techniques, Elements and Conventions of Drama
- Group co-operation
- The ability to be innovative and creative
- The ability to show initiative
- Develop self-confidence and leadership
- Basic performance techniques

Topics covered in Year 10 Drama:

- Use Drama techniques, elements and conventions
- Theatre form
- Develop and present a drama
- Perform in a scripted play

Possible costs associated with Year 10 Drama: \$10.00

MUSIC



Option Course

Music is one of the Arts courses students can choose from in Year 10.

Students can only do **ONE** of Music **or** Music Extension. Please carefully read the entry criteria for both Music and Music Extension.

Skills I will learn in Year 10 Music

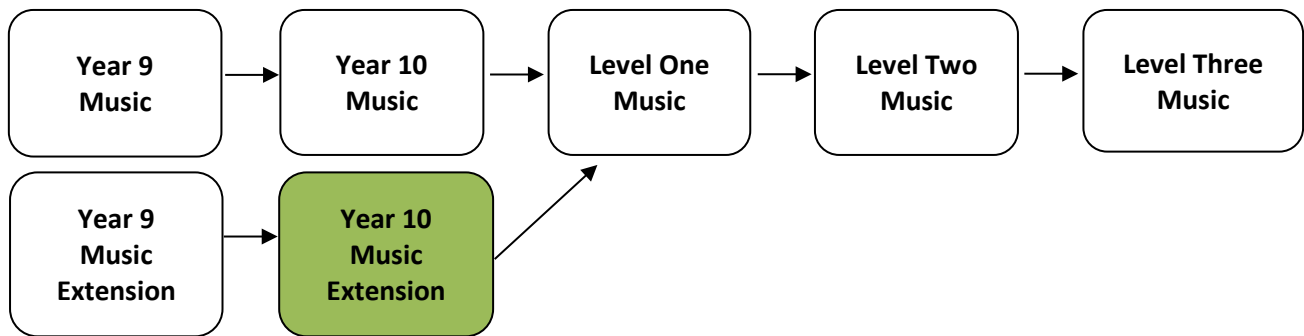
- To develop ability on musical instruments
- To develop an understanding and appreciation of music through listening
- To develop rhythmic ability
- Ability to work in a group
- Creativity and initiative

Topics covered in Year 10 Music

- Develop understanding of the elements of music
- Perform music individually and in groups on an instrument of choice
- Study a variety of musical styles
- Develop creative composition skills by composing as a member of a group
- Compose music using computer software
- Research project specific to music styles

Possible costs associated with Year 10 Music: \$20.00

MUSIC EXTENSION



Option Course

Music Extension is one of the Arts courses students can choose from in Year 10.

Students can only do **ONE** of Music **or** Music Extension. Please carefully read the entry criteria below.

Skills I will learn in Year 10 Music Extension

- To develop ability on their musical instrument
- To develop an understanding and appreciation of music
- Ability to work in a group
- Creativity and initiative
- Develop aural awareness

Topics covered in Year 10 Music Extension

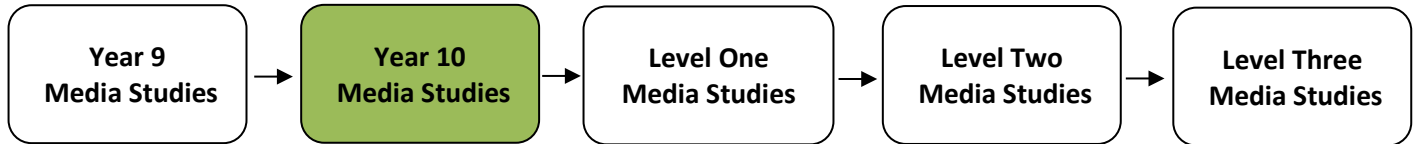
- Develop aural skills of rhythm, melody and chords recognition
- Develop skills on an instrument of choice
- Perform music individually and in groups
- Study a variety of musical styles
- Compose music using computer software
- Research projects on movie score composers

Entry requirement for Year 10 Music Extension

- To take Music Extension students must be able to play an instrument to a level equivalent to that of one year of private tuition

Possible costs associated with Music Extension: \$20.00

MEDIA STUDIES



Option Course:

Media Studies is one of the Arts courses students can choose from in Year 10. Media Studies in Year 10 leads on to NCEA Level One.

Skills developed in Year 10 Media Studies

- Creativity and innovation
- Initiative
- Working co-operatively
- Planning and processing
- Film making

Topics covered in Year 10 Media Studies

This course further develops the skills gained in the Year 9 Media Studies course: -

- ❖ An introduction to Media Studies theory
- ❖ Study advertising
- ❖ Working as a group to make short films
- ❖ Maori representation study

Possible costs associated with Year 10 Media Studies: \$10.00

SENIOR COURSE MATRIX – 2020

Future planning for 2020, where your choices can lead

	Year 11	Year 12	Year 13
THE ARTS	Visual Arts OR	Painting Printmaking Sculpture Photography Design	Painting Printmaking Sculpture Photography Design
	Media Studies	Media Studies	Media Studies
	Performing Arts Technology (US)*	Performing Arts Technology (US)*	Performing Arts Technology (US)*
	Dance	Dance	Dance
	Drama	Drama	Drama
	Music	Music	Music Music Studies
Maori Performing Arts (US)*	Maori Performing Arts (US)*	Maori Performing Arts (US)*	
English and Languages	Japanese	Japanese	Japanese
	Maori	Maori	Maori
	English Extension	English	English
	English	English	English
	English Digital	English Digital	English Through Film
Literacy			
Maths	Maths with Algebra Extension	Mathematics	Calculus
	Maths with Algebra	Maths with Statistics	Statistics
	Maths	Maths with Statistics	Statistics
	Numeracy		
Sciences	Science Extension with Research	Biology	Biology
	Science with External	Chemistry	Chemistry
	Science	Physics	Physics
Science	Science		
Social Sciences	History	History	History
	Geography	Geography	Geography
	Tourism (US)*	Tourism (US)*	Tourism (US)*
Business	Business	Business	
PED	Physical Education	PED & Outdoor Pursuits	Physical Education
	Sports Education	Sport Education	
Technology	Product Design	Product Design Automotive Engineering (US)*	Product Design
	Building (US)*	Building (US)*	
	Digital Technologies	Computing Applications	Computing Applications
	Computing Applications	Digital Technologies - ICT	Digital Technologies - ICT
	DVC	DVC	DVC
	Fashion & Textile Design	Fashion & Textile Design	Fashion & Textile Design
	Food	Food Hospitality (US)*	Hospitality (US)

