# Future Focus Subject selection Slides

YEAR 12 into YEAR 13

# 2025 Year 13 Whanganui High School

**THIS WAY** 

**THAT WAY** 

## Some interesting stats:

### Dr Paul Spoonley:

- 40% of current jobs will not exist in a decade
- 65% of jobs that will be done by current school leavers have not yet been invented
- **♦** If you are entering job market now
  - > You will work 16-18 jobs in 5-6 industries



# COURSE INFORMATION 2025

Year 12 into Year 13

#### LITERACY and NUMERACY

#### **IMPORTANT**

As you are considering which subjects you would like to take next year in Year 13, you must take into consideration whether or not you have achieved the Literacy and Numeracy co-requisite. The CAA.

If you have not achieved **all three parts** - *Numeracy, Reading* and *Writing* - then you may be directed into a Mathematics or English class/subject in which you can be given the necessary teaching for you to sit the tests in May or September.

## HOW DO I GET LEVEL 3?

# Level 3 NCEA requires you to attain 60 credits at or above Level 3

Note: You must have the Level 1

Numeracy / Literacy Co-requisite

# Detailed information about 2025 courses available at EITHER the WHS Student Webportal

SARADHA KOIRALA

that she's still learning to love.

#### The Memory Thief by Leonie Agnew



A magical, award-winning novel about a girl who wants to escape her memories and a troll who is desperately trying to remember his, from the acclaimed author of Conrad Cooper's Last Stand and The Impossible Boy

Read an extract



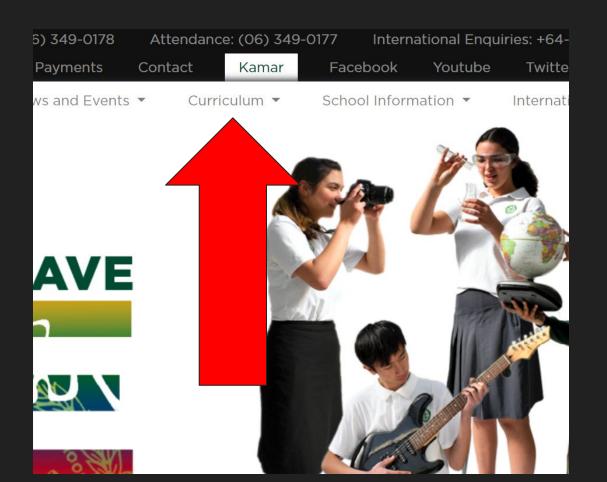
BOOKS AND AUTHORS

**GALE IN CONTEXT** 

#### Student Help

- Curriculum and Course Options
- Usaful Stuff login nattorns

#### or on the High School website



# All this information and more can be found on the student pages

Accessed via the GOOGLE WHS BOOKMARKS bit.ly/whsstudentpages ( whs student pages )

#### IT IS IMPORTANT TO READ THE INTRO BLURB!

### The KEY Points in the NOTES are:

- Six subject lines
- In Year 13 there are NO compulsory courses, however, English is strongly recommended for many University Courses
  - Focus on Academic Writing

### Other Important NOTES

What is UE.....University Entrance?

Whanganui High School Diploma

Scholarship

Courses outside the classroom

## Entry Requirements

This means 'which subjects you need to have already done'

- Check the Entry Requirements of all Year 13 courses you are interested in.
- While unlikely, if you are DESPERATE to do an option you do not qualify for, talk to the Teacher in Charge

In Year 13 you might need to mix & match Levels i.e. Level 2 and Level 3 courses

### University Entrance (UE)

By the end of Year 13, in addition to Level 1 numeracy and literacy, you need to have gained

## **UE Literacy**

This can be gained in both level 2 and level 3 in lots of different subjects not just English!

(5 Writing and 5 Reading credits)

This is an essential part of 'University Entrance'

#### **COURSE SELECTION**

#### FUTURE FOCUS WEEK

- You will visit the Library with a teacher during the week and be able to talk to the Specialist teachers for each area
- You can choose next year's course from today

 You must complete this by Friday 6 September

## **Additional subjects**

# Choosing an Alternate or Extra Subject (7th subject ) is important

- There will be subject clashes which means that you might not get your first choice.
- Numbers in some classes will be limited....those students choosing an 'extra' subject will have priority over students who only select the minimum.



## **STUDY**

#### **CAN ONLY BE CHOSEN**

If you are doing ONLY 'University Entrance' Subjects

- no Unit Standard Courses such as:

TOU3 / Vocational / SPX3 / Level 2 courses

or

If you are doing two or more Portfolio subjects

e.g. Visual Art / A Technology project alongside 4 other UE subjects

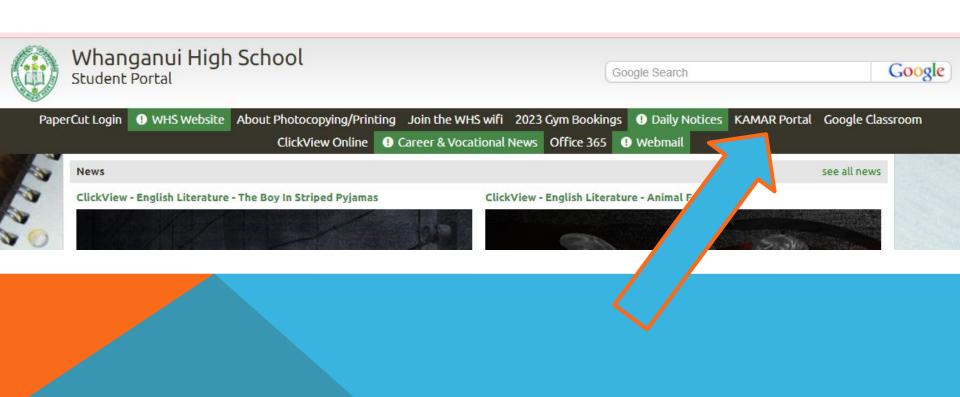
## Some things to think about

- Only select Study if you have selected **five** University Entrance subjects.

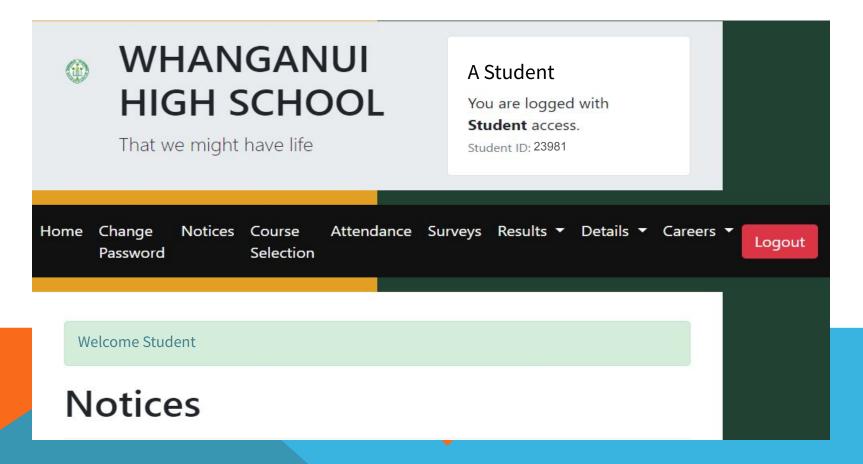
  Not Tourism, Sports & Exercise, Engineering Level 3, or any non-portfolio Year 12 subject.
- Full time Vocational Programme Applications from Mr Marr
- Any subject starting with 'V' [ eg VES3, VMA3 etc] can only be selected as part of a full time 'Vocational Studies' programme.
   These subjects only run for 3 days a week for students in these classes.
- If you do not qualify for the Level 3 option you cannot select it, however you can go and ask the teacher in charge if they will allow you a chance!
- Courses outside of school of course you can apply!
  - 1. See Mr Marr / Ms Dunn in the Vocational office in D block.
  - 2. Still select six subjects
  - 3. If you have shown good independent work habits in Year 12 and think you will need a 'catch up' line, you can select EXT3

    This will be reviewed by a Senior Staff member

## Student Portal - Log into KAMAR



#### Click on Course Selection



# Scroll to see all the courses available

#### **Course Selection**

#### Senior Course Selection Subjects

All students need to select courses relevant to their year level unless you have prior permission to select above your year level e.g. Year 12 need to pick subjects ending \*\*\*2, Year 13 - \*\*\*3

Year 12 - Please select 6 subjects. MED2 cannot be selected with another English option (MED2 or ENG2, ENI2, ENE2), EXT2 must be accompanied by a external course.

Year 13 - Please select 6 subjects. EXT3 must be accompanied by a external course, STU3 can only be selected if you have 4 Academic (UE) OR a UE programme that includes 2 portfolio subjects.

MED3 cannot be selected with another English option (MED3 or ENL3, ENG3, ENI3)

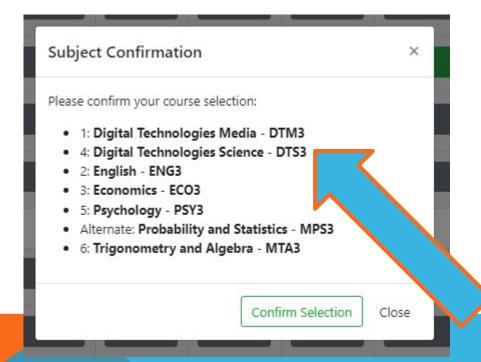
If you are selecting PROGRESSIVE classes you MUST select all 4 Progressive (PDL2, PCL2, PFL2, PLS2) classes and 2 other option subjects If you are selecting VOCATIONAL subjects you must select all 5 vocational subjects at the same level plus 1 other option subject Note: As always there will be clashes so please pick an ALTERNATE subject.

Course	1	2	3	4	5	6	Alternate
Arts							
Art - Printing Making (APT2)	×	×	×	×	×	x	×
Art - Printing Making (APT3)	×	×	×	×	×	×	×
Art Design (ARD2)	×	×	×	×	×	×	×
Art Design (ARD3)	×	×	×	×	×	×	] [ ×
Art Painting (ARP2)	×	×	) [ ×	×	×	×	×
Art Painting (ARP3)	×	×	x	x	×	×	×
Dance (DAN2)	×	×	×	×	×	) [ ×	×
		_	Preview Selection			Save	

Select ONE subject in EACH column



#### **Preview Selection**



Check that ALL selections are at the correct level - they should all end with a 3

Either
Confirm Selection
OR
Close to change your
selections

## FRIDAY 6th SEPTEMBER

Students on Tournament - select before you leave!!!!



## ENGLISH

## PATHWAYS:

ENI2 - ENI3 (ten L2 English credits)

ENG2 - ENI3 or ENG3 (pass a L2 external)

ENE2 - ENG3 or ENL3 (Schol: mainly E's and M's)

# Te Tari Māori Māori Department

Te Reo Māori me ōna Tikanga

# NCEA Level 3 Te Reo Māori

NCEA Level 3 Te Reo Māori Achievement standards

- 3 Internals Whakarongo/Listening, Korero/Speaking, Tuhituhi/Writing totals: 16 credits
- 2 Externals Panui/Reading, Tuhituhi/Writing totals: 12 credits, these are online

## NCEA Level 3 Tikanga

## NCEA Level 3 Tikanga Unit standards

- 16136 Explain kawa and tikanga in relation to hui mārena 6 credits
- 16041 Explain the place of pūrākau or pakiwaitara in Māori history 6 credits
- 29555 Explain kawa and tikanga in relation to hui rā whānau 4 credits

# LANGUAGES

Nihao + Hola + Bonjour

## Chinese / Spanish / French

NCEA 14 internals 10 externals: Speech 3 / conversation 6/ writing 5

Flexible time – Te kura

Culture activities in WHS

Exchange

https://www.whanganuihigh.school.nz/faculties/languages/

ACHIEVEMENT STANDARD OPTION

- All UE approved

**PED3**: PHYSICAL EDUCATION (19 credits)

#### **Entry requirements:**

12 credits in PED2 or 12 credits in ENG2/ENE2 and HOF/TIC approval

#### Theory/Practical:

70%/30% for academics with a genuine interest in Sports Science



Participate in and evaluate a training programme

Attend a live Super Rugby game and discuss the value of sport and money on society Participate in leisure activities and devise strategies for staying active in the future



ACHIEVEMENT STANDARD OPTION

- All UE approved

**SPS3: SPORT SMART** (21 credits)

#### **Entry requirements:**

12 credits in PED2 or SPX2 and HOF/TIC approval

#### **Theory/Practical:**

50%/50% for students considering a career in Sport



#### What do we learn:

Train for and participate in a Volleyball tournament Attend an Awa river trip and evaluate safety management strategies Learn rules and regulations and umpire in a sport of your choice Write lesson plans and teach junior students in a sport of your choice

ACHIEVEMENT STANDARD OPTION

- All UE approved

**HLT3**: **HEALTH** (19 credits)

#### **Entry requirements:**

12 credits at level 2 or 12 credits at level 2 English



#### What do we learn:

**Child Poverty in NZ** - investigating why we have a poverty problem in NZ and what the consequences of this are for children in particular.

**Health practices** – investigating different health practices available in NZ and how they are used to treat a certain condition of the student's choice.

Ethical Issues – investigating assisted reproductive technologies and euthanasia
International Health Issue (exam) – International poverty and effects on life expectancy, disease
and sexual and reproductive health, and possible strategies

UNIT STANDARD OPTIONS

- NOT UE approved

**OUT3: OUTDOOR EDUCATION** (27 credits)

#### **Entry requirements:**

Positive attitude, enjoy the outdoors, willing to test yourself in a range of activities

#### What do we learn:

Kayaking
Bush Craft
Orienteering
Rock Climbing
Mountain Biking





UNIT STANDARD OPTIONS

- NOT UE approved

**SPX3**: **SPORT & EXERCISE** (24 credits)

#### **Entry requirements:**

Regular involvement in sport/exercise or TIC/HOF approval

#### <u>Theory/Practical:</u>

30%/70% Mainly practical based. Some units require class work

#### What do we learn:

Demonstrating exercise techniques in the upstairs gym Participate and research Leisure & Recreation activities





## Vocational Studies

**Vocational Studies Class Level 3 NCEA** 

5 out of the 6 Vocational lines are "locked in", they are:

- Communication English
- Financial Maths
- Food Technology
- Hauora/Health/PE
- Employment Skills

Students choose one option to make up the 6 lines.

#### WORK EXPERIENCE

Work Experience is available to all Year 13 students who are interested in experiencing the "World of Work".

- One day a week
- You choose the type of workplace
- You choose the day

# EXTERNAL EDUCATION OFF-SITE COURSES

Students can enrol in a course while still at school. The course topics and providers are:

UCOL - Construction, Construction Design, Plumbing Gasfitting and Drainlaying, Gaming Development, Animal Care, Automotive, Collision Repair, ICT Innovation, Mechanical Engineering, Hair Beauty and Retail, Salon Skills, Makeup and Skincare, Cafe Skills, Cookery, Business Enterprise, NZ Police Programme, Commercial Road Transport Skills, Early Childcare, Exercise and Sport, Health and Applied Technical Laboratory Science

AGC & PITO - Building and Construction, Farming & Animal Care

# EXTERNAL EDUCATION OFF-SITE COURSES

- All courses are held off-site
- Different days of the week
- Usually Thursday and Fridays
- Start in week 3 of Term 1
- Finish end of Term 3
- Levels 2 and 3
- Between 24 and 60 credits
  - If considering a TWO day course come and talk about a full Vocational Programme



#### WHS House Build

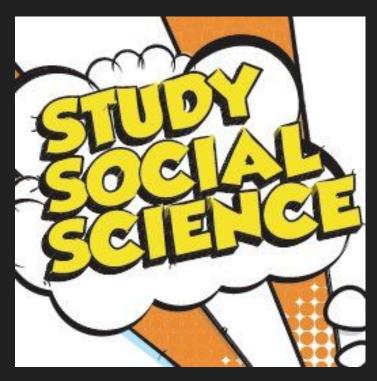




#### WHS House Build

- Building a house on site at WHS
- 10-14 Year 12 or 13 students
- 45-60 Pre Apprenticeship Level 3/4 credits
- 2 days of the week- Thursday and Friday
- Three terms to complete the house
- Start first week of school year 2025
   Finished by the end of Term three
- It moves on to a family to live in
- Applications form filled in then interviewed for a position

# SOCIAL SCIENCES





#### What is Accounting?

Accounting is the process of processing, recording and analysing financial information.

### What do we learn about in Y13 Accounting?

In Y13 you learn about job costing for manufacturing, partnerships and how to process transactions for a partnership. You analyse a company report and learn about management accounting.



#### Why take ACC3?

Accounting is a great grounding for a wide range of careers. It is very processed based. It is fun getting your statements to balance.

#### Where does it lead?

There is a variety of
Accounting specific careers.
Accounting is also used in
any business related careers.
It is also good for people
considering a career in trades.

#### What is Economics?

It is the study of how we get the most out of our limited resources. UE APPROVED.

#### WHAT DO WE LEARN ABOUT IN YEAR 13?

We learn how markets work and how consumers, producers and the government make decisions.

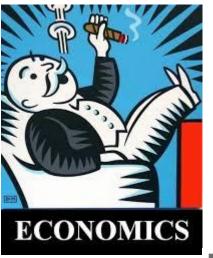


#### WHERE DOES IT LEAD?

Economics is useful for many careers but it is especially If you are interested in working in business, government, law, banking or analysis. It is also useful for just understanding the world.

#### WHY TAKE ECO3?

Because it helps us understand the big decisions that humans make at an international, national, business and personal level. Good economic decision-making is the key to a prosperous future.







#### WHAT IS HISTORY?

It is the study of interesting events that have shaped our present both in NZ and in the wider world. UE APPROVED.

#### **WHY TAKE HIS3?**

Because it is so interesting!

Also, you learn to write, and learn to see how to ask good questions. Students who take it note that it helps them so much when they are doing research at Uni. You don't have to have done it before to pick it up in Year 13.

#### WHAT DO WE LEARN ABOUT IN YEAR 13?

You get to choose your own local research topic, and we generally do a trip or an excursion around this.

We study Parihaka and do a trip there. For perspectives we always try and do something groovy and as a class we pick the topic - last year we did the Salem Witch Trials. We also learn to look at sources and how to interpret them.



#### WHERE DOES IT LEAD?

Any area that needs you to write and think! Because History is really about skills, students go on to study in basically any field, and they leave knowing cool stuff about NZ's place in the world.

#### Classics

**WHAT IS IT?** Classics is the study of the Ancient world which can teach us so much about our own. We can learn from the mistakes and triumphs of Ancient Greece and Rome. UE approved

**WHY TAKE CLS3?** Classics makes you think and opens the world up to you. It helps you understand people who are different from you and teaches tolerance. It is also interesting and teaches valuable research and analytical skills.

WHERE DOES IT LEAD? This course is a recognised entry to most Universities in New Zealand. Classics students are valued for their analytical skills and ability to argue constructively. Law; Architecture; Teaching; Government; Tourism: journalism and Political Science are opportunities for students of this subject.

**WHAT DO WE LEARN ABOUT?** Level 3 begins with myths and legends of Ancient Greece and then moves on to Ancient Rome. We study Virgil's Aeneid and Roman Art and Architecture - The Colosseum and other famous Roman buildings. We will also study Roman emperors and social life in Imperial Rome.





#### WHAT IS PSYCHOLOGY?

Psychology is the study of the mind and behaviour. UE APPROVED



#### WHY TAKE PSY3?

Because it opens you up to the way the world thinks and behaves.

#### WHAT DO WE LEARN ABOUT IN YEAR 13?

Where does Intelligence come from?
How can eyewitness testimony be manipulated?
Why do we adopt a group psyche when we are in a crowd?
How does bias affect us?
You also design and carry out your own experiment

#### WHERE DOES IT LEAD?

Psychology fits into both Science and Social Science. It can lead to careers in Forensics, Law, Advertising, Marketing, Personnel Management, Social Work, Counselling, Education to name just a few.

#### WHAT IS GEOGRAPHY?

Geography is the study of the interaction between the natural world and people and how they impact on each other. **Ue approved** 

#### **WHY TAKE GEO3?**

Because it is fun. It helps us understand the world around us both past, present and help us plan for the future. We go on field trips! If your Level 2 grades were solid, you do not need to have taken it in Year 11 or 12.

#### **WHERE DOES IT LEAD?**

Everywhere! Geography is one of the most flexible subjects as it is the setting for all information, knowledge and events. Work outdoors!

# WHAT DO WE LEARN ABOUT IN YEAR 13?

Coastal processes and variations at Kapiti.
Tourism development in Rotorua or Queenstown, global tourism as an issue, skills- mapping, graphing, interpreting information.



#### What is Tourism?

Tourism is the study of the travel industry and all the associated services. Not UE approved.

### WHAT DO WE LEARN ABOUT IN YEAR 13?

Global locations and tourism hubs, what NZ has to offer, planning a holiday around NZ, to Australia, the Pacific and the UK. Impacts on natural environments and economic impacts.

#### **WHY TAKE TOU3?**

Because it is interesting. It helps us understand the world around us and this course allows you to work at your own pace.

(Unit Standards)

#### **WHERE DOES IT LEAD?**

Tourism is one of the most flexible industries as it is involves service and knowledge about the wide world and various cultures.



## WHAT IS EDUCATION FOR SUSTAINABILITY?

Education for Sustainability teaches students how to think and act in ways that protect our planet. **Ue approved** 



#### WHAT DO WE LEARN ABOUT IN YEAR 13?

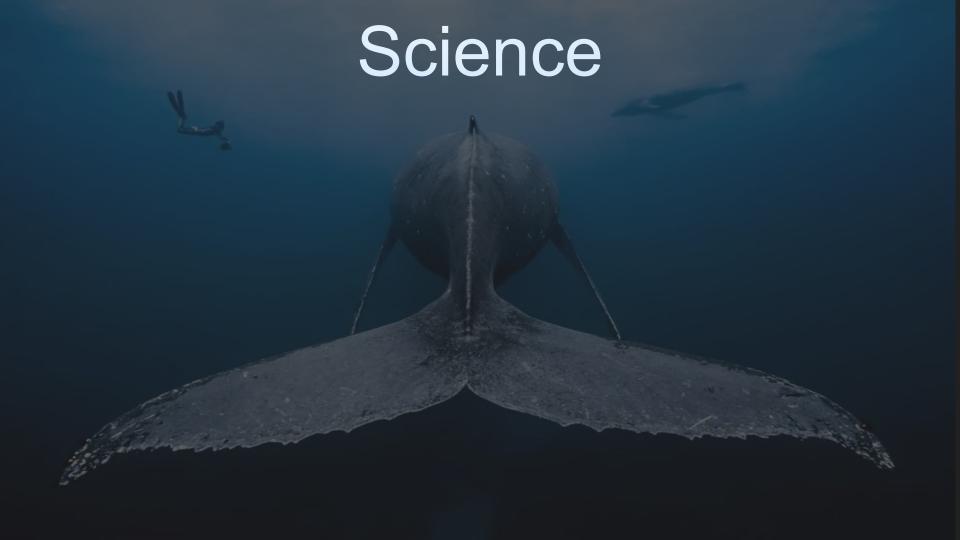
Sustainability problems and solutions on a local, national and global stage, actions that you can take to promote a sustainable future, alternatives to plastic and whether tourism in the Waitomo Caves is sustainable.

#### **WHY TAKE Education for Sustainability?**

The fate of the planet is in your hands. If you want to have a healthy planet for your children and grandchildren a change needs to be made. This course will inform you of the changes you can make and about the solutions currently happening in the world.

#### **WHERE DOES IT LEAD?**

Education for sustainability links with science and social sciences. With sustainability policies required of most businesses, it is hard to find a career that does not have some aspect of sustainability involved. Sustainability is present in many different careers such as Law, Government, Science, Business, Marketing, Architecture and Planning.



### SCIENCE

**BIO3 Biology** (6 internal/ 13 external credits)

Entry requirements: 12 Credits from BIO2

What do we learn: How humans evolved; how organisms evolve into species; an

insight into animal and plant behaviours.

**CHE3 Chemistry** (up to 6 internal/ 15 external credits)

Entry requirements: 12 Credits from CHE2

What do we learn: Organic chemistry, thermochemistry, equilibrium principles in

aqueous systems. Redox chemistry. Spectroscopy.

### SCIENCE

**PHY3 Physics** (7 internal 12 external credits)

Entry requirements: 12 Credits from PHY2

What do we learn: How mechanical, electrical and wave systems interact to allow

humans to predict outcomes.

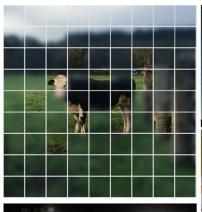
**ELE3 Electronics** (24 credits internal)

Entry requirements: 12 credits from ELE2

What do we learn: How to construct and critique electronic programmable circuits,

how logic circuits are used in devices, how to build and critique an

electronic prototype.





#### SENIOR PHOTOGRAPHY

YEAR 12 AND YEAR 13









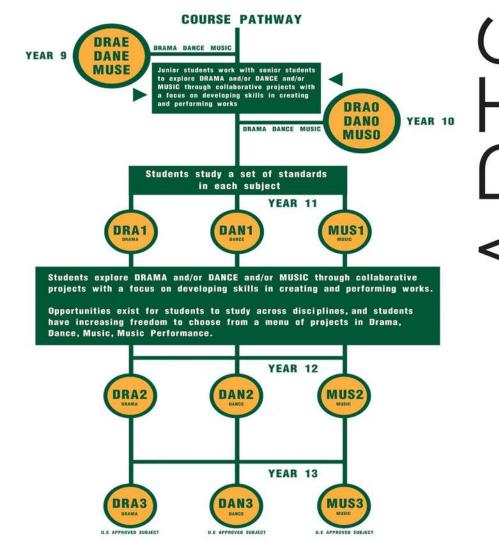


### **VISUAL ART**

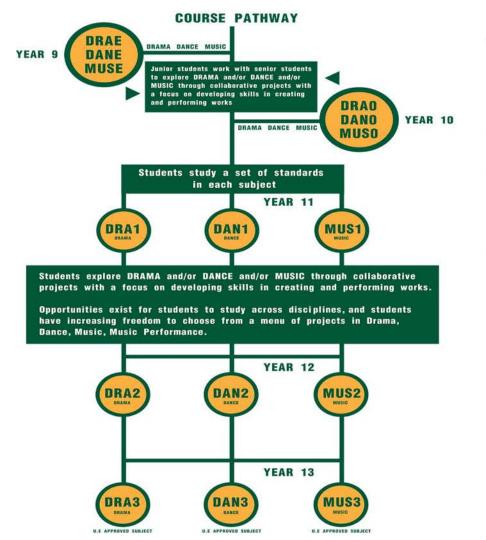


# Toi Whakaari

In the arts, students explore, refine, and communicate ideas as they connect thinking, imagination, senses, and feelings to create works and respond to the works of others









### TECHNOLOGY

**Automotive Engineering - AUT** Technology Engineering - TCE

**Building and Construction - BAC** Technology Materials - TEC

**Fashion Design - FDZ** 

**Design and Visual Communication - DVC** 

7 Senior Courses

**Hospitality - FDH** 

(Achievement Standard)

(Industry - Unit Standards)

#### **Automotive Engineering**

- You learn about the Automotive industry.
- You complete practical work on motor vehicles and stationary engines.



50% is assessed by industry unit standards - written booklets / tests

#### Technology Engineering - Ach Stds @Level3 = UE

• This is a challenging design and make course. You have a lot of choice in your project work AND need a good level of self management and literacy skills. Assessment is by portfolio - written and design drawings.

#### Technology Materials - Achievement Standards = UE

- This is a challenging design and make course.
   You have a lot of choice in your project work.
- Good level of self management and literacy skills.
- Assessment is by portfolio written and design drawings.







#### **Building and Construction**

- You learn about the building industry.
- You complete set practical work.
- Assessed by industry unit standards
   written booklets / tests.
- You can apply for a place in the "CONSTRUCT A PORTABLE HOUSE TRADES ACADEMY"





#### Fashion Design = UE

- This is a design and make course. You have a lot of choice in your project work.
- Requires a good level of self management and literacy skills.
- Assessment is portfolio written and design drawings.
- You can enter NZ Fashion competitions.



#### **Design and Visual Communication = UE**

- You need to have completed Year 12 DVC or Art.
- You complete TWO major design projects -Product and Spatial.
- Assessment is internal design work and external portfolio.
- You must be self motivated and develop good time management.
- This course is for all designers not just architecture.



#### Food and Nutrition Level 3

- Essay and external examination assessed course
- o 15 internal credits
- · 8 external credits
- UE subject
- Topics covered- modern food problems, multinational food corporations, advertising and how to address the problems caused by these.
- Course requirement ability to write an essay and reasonable attendance



# Hospitality Level 3

- Unit standard course which has currency in the workplace
- 27 internally assessed unit standard credits
- Good attendance rate as most of the credits are from internal practical assessments. No essays.
- Topics covered food hygiene, knife skills, eggs, pasta, baking, preserving



# Digital Technologies Hangarau Matihiko Year 13









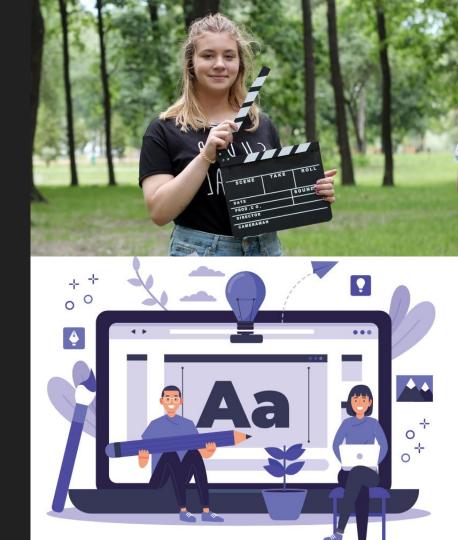
# DTM3

Entry requirements: None

**University Entrance:** Approved **Credits:** 21 internal, 3 external

Digital Media is about creativity and digital design, using these to make fit-for-purpose outcomes.

Projects can include graphic design, web, film and editing, animation, and more!



```
# How fast Plaver moves
    const GRAVITY = 5000
    const JUMP = 1250
   var motion = Vector2.ZER0
13 v func _physics_process(delta):
        # Horizontal Movement
        var x_input = Input.get_action_strength("ui_right") - Input.get_action_strength(
        motion.x = x input * SPEED
        motion.y += GRAVITY * delta
        if Input.is_action_just_pressed("ui_up") and is_on_floor():
           motion.y = -JUMP
        motion = move and slide(motion, Vector2.UP)
```

# DTS3

Entry requirements: DTS2
University Entrance: Approved
Credits: 18 internal, 3 external

In Digital Science you will learn to program through making a variety of different games, followed by a project where you design and create a game of your own.

If you have not completed DTS2, you may take DTS3 if you have prior programming experience or have strong maths skills.

# DTA3

Entry requirements: None University Entrance: No Credits: 29 (unit standards)

In Digital Technologies Applied, you will learn practical digital skills that can be used in any future career.
These skills are especially useful going into business.



# See You In 2025

