

Year 10 in 2019 for Year 11 in 2020  
Subject Selection and Careers  
What do you need to be  
thinking about now?



# Employees of the Future.

- ▶ The world of the future is changing fast
- ▶ Employers will value the ability to problem solve and be creative in your thinking

## How do you develop your skills:

- ▶ Continue to learn and gain qualifications
- ▶ Practise and develop your skills in as many areas as possible
- ▶ Be proactive with opportunities and problems

People who take the time to invest in their own development find increased school satisfaction and feelings of control over their lives

# Your options...

- ▶ When you have finished at school you have the following options available to you:
  - ▶ **University**  
U.E Entrance required
  - ▶ **Polytechnic -**  
Level One up to U.E entrance required depending on the course
  - ▶ **Apprenticeship**  
Level two preferred, restricted drivers licence essential,
  - ▶ **Employment**  
Level One minimum + drivers licence
  - ▶ **Private Training**  
Level One up to U.E entrance depending on course
  - ▶ **Army, Navy, Air Force**  
Level 2 minimum with Literacy and Numeracy
  - ▶ *If you are unsure of the next step keep all of your options open with subject selection **ESPECIALLY WITH APPROVED SUBJECTS***

# Just how important is Year 11 and 12?

- ▶ Year 11 + 12 results and achievements are those that are looked at first for all of the following places:
  - ▶ Apprenticeships
  - ▶ Tertiary Education e.g. University and Polytechnic
  - ▶ Defence Forces
  - ▶ Employment
  - ▶ Some Private Training institutions and Polytechnics

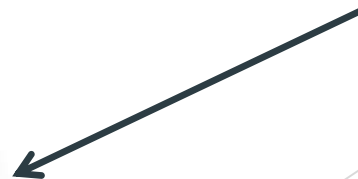
**So you need to prove on paper that you have the goods academically and have the ability for independent learning.**

## Skills Shortage List - NZ Immigration Website

	Long Term Shortages	Immediate Shortages	Canterbury Shortages
Agriculture	✓	✓	
Construction	✓	✓	✓
Education (lecturers early childhood)		✓	
Engineering	✓	✓	✓
Finance/Business	✓		
Health and Social Services	✓	✓	
ICT and Electronics	✓		✓
Oil and Gas		✓	
Recreation, hospitality, tourism	✓	✓	
Science	✓	✓	
Trades	✓	✓	✓
Transport	✓		✓

# The influence of Technology on the job market.

- ▶ Technology is changing rapidly, as is the job market. This means that you must be up-to-date with current technology.
- ▶ You will need to be open to new opportunities for the rest of your life.



# Important things that you need to know for the Senior School.

## At Level 1 to pass a minimum is required

- ▶ 10 Numeracy credits
- ▶ 10 Literacy Level One credits
- ▶ 80 Level One credits minimum
- ▶ To endorse Level One you need to achieve a minimum of 50 Excellence or Merit credits

## To pass Level 2

- ▶ 10 credits - 5 Reading and 5 Writing from the [specified list](#)
- ▶ 60 Level Two credits minimum and again to endorse you need 50 excellence or Merit credits

## To pass Level 3

- ▶ A minimum of 60 level three credits - University Entrance is 14 credits from three approved subjects at Level 3 and 60 credits minimum. Many different courses may require different entry criteria so research is needed.

# General Guide for some study Areas

- ▶ Only a very small number of university courses have compulsory requirements. These tend to be science related courses as the next few slides will demonstrate. Many degrees do have recommendations though so please research these.
- ▶ Design courses require portfolios so its essential you take subjects that allow you to develop these.
- ▶ Subjects marked by \* in Subject Pathway slides are approved subjects of which you need a minimum of three to attend University
- ▶ E.L.R = subjects rich in English Language, please research requirements as Auckland University have different requirements.
- ▶ Some Universities have Rank Scores to identify which students will be invited to study. Again research is key

Excellence credit = 4 points   Merit = 3 points   Achieved = 2



# Pathway to some Study Areas

Study Areas	Year 11 subjects	Year 12 subjects	Year 13 subjects
<b>Architecture</b>  Highly Recommended subjects	Art Visual or DVC Graphics Maths Science	Art Design or Exploration or DVC (Graphics) Physics Maths	Portfolio Art Design/painting or DVC(Graphics) Physics Calculus or Stats ELR
<b>Business</b> <i>Degree level study</i>  Recommended but not compulsory subjects	English Maths Business/Economics Accounting	English Maths Business/ Economics Accounting	Maths Statistics or Calculus ELR Business/ Economics Accounting
<b>Law</b>	No Specific subjects but E.L.R recommended	No Specific subjects - look at ones to help with research and writing skills	E.L.R - English Language Rich

# Subject Pathways

Study Areas	Year 11 Subjects	Year 12 Subjects	Year 13 Subjects
<b>Engineering</b> <i>(Degree level study)</i>	Maths Science English	Maths Physics Chemistry E.L.R	Calculus Physics Chemistry E.L.R
<b>Biological Study</b>	Maths Science	Biology Chemistry Maths	Biology Chemistry Math with Stats or Calculus E.L.R
<b>Health Sciences</b> <i>(Dentistry, Medicine            Medical Science,            Physio at Otago            Uni, Pharmacy)</i>	Maths Science English		Maths with Calc or Stats Minimum two of the three sciences in order of priority - Chemistry, Physics, Biology One E.L.R subject (some prefer English)

# Subject Pathways

Study Areas	Year 11 subjects	Year 12 Subjects	Year 13 Subjects
<b>Health Science (Nursing, Occupational Therapy)</b>	Maths Science	Maths (optional but recommended) Minimum of one science Biology, Chemistry, Physics	Minimum of one of the following Biology, Chemistry, Physics, Science, Maths Plus One E.L.R subject
<b>Technology / Physical Sciences</b>	Maths Science	Maths Physics Chemistry	Calculus Physics Chemistry Technology
<b>Veterinary Science</b>	Maths Science	Math Biology Chemistry Physics	Maths with Stats or Calc. Biology Chemistry Physics ELR

# Selecting and Checking My Subjects

- ▶ In your Subject Selection booklet go to your “Selecting and Checking My Subjects Page”
- ▶ Write down any subjects you could be interested in to take from each subject area.
- ▶ Research each one and check the pathways of the subject at the next level and where it could lead to.

# Otumoetai Subject Pathway 2020

\* = indicates subjects that leads onto University approved subject

+ = indicates National Certificate

Subject Area	Year 11	Year 12	Year 13
<b>Art</b>	Art Visual*	Art Design* Art Exploration* Art History* Art Photography*	Art Design* Art Painting* Art History* Art Photography*
<b>Business &amp; Accounting / Digital Technologies</b>	Accounting for Management* Business Management* Digital Media* Digital Science* Computing +	Accounting for Management* Business Management* Digital Media* Digital Science* Computing +	Accounting for Management* Business Management* Digital Media* Digital Science* Computing +

# Subject Selection 2020

Subject Areas	Year 11	Year12	Year 13
<b>Careers / Pathways</b>	Employment Skills +	Employment Skills + Gateway + Drivers Education + Early Childhood Studies*	Employment Skills + Gateway + Early Childhood Studies*
<b>Drama/ Performing Arts/ Dance</b>	Drama* Dance* Performance Arts Technologies	Drama* Dance* Performing Arts Technologies	Drama* Dance* Performance Arts Technologies
<b>Language</b>	Spanish*	Spanish*	Spanish*
<b>Music</b>	Music* Music Contemporary	Music* Music Contemporary	Music* Making Music

# Subject Selection 2020

Subject Areas	Year 11	Year12	Year 13
<b>Media Studies</b>	Media Studies*	Media Studies*	Media Studies*
<b>Te Reo Maori</b>	Te Reo Maori* Te Reo Rangatira* Tikanga & Maori Performing Arts* Te Ao Maori*	Te Reo Maori* Te Reo Rangatira* Tikanga & Maori Performing Arts* Te Ao Maori*	Te Reo Maori* Te Reo Rangatira* Tikanga & Maori Performing Arts* Te Ao Maori*
<b>Physical Education and Health</b>	Health & P.E.* Outdoor Physical Education Sport Science*	Health & P.E* Outdoor Education* Sport Science*	Health Education* Outdoor Education* Sport Education Sport Science* Elite Sport

# Subject Selection 2020

Subject Area	Year 11	Year 12	Year 13
<b>Science</b>	Science* Horticulture	Biology* Chemistry* Physics* Earth & Space Science* Horticulture Marine Studies	Biology* Chemistry* Physics* Earth & Space Science* Marine Studies
<b>Social Science</b>	Social Science Economics* Geography* History*	Sociology* Economics* Geography* History* Classical Studies* Tourism	Sociology* Economics* Geography* History* Classical Studies* Tourism



# Subject Selection 2020

Subject Area	Year 11	Year 12	Year 13
<b>Technology Hard Materials [Hard Materials, DVC (Graphics) and Eletronics]</b>	Technology Metal* Technology Wood* DVC (Graphics)* Electronics* Building and Allied Trades Mechanical Engineering	Technology Metal* Technology Wood* DVC (Graphics)* Electronics* Automotive Studies Building and Allied Trades Mechanical Engineering	Product Dev. Metal* Product Dev. Wood* Technical Skills DVC (Graphics)* Electronics*
<b>Technology/ Soft Materials</b>	Technology Food* Hospitality Technology Soft Materials*	Technology Food* Hospitality Technology Soft Materials* Fashion and Design	Technology Food* Hospitality Technology Soft Materials* Fashion and Design

# Subject Selection 2020

Subject Area	Year 11	Year 12	Year 13
<b>English</b> (you will be placed in an English class based on your results each year)	English English/ Literacy English Supported learning	English A/B English/ Literacy	English A/B
<b>Maths</b> (you will be placed in a Maths class based on your results each year)	Mathematic Mathematic & Statistics Alternate Maths Numeracy/Supported Learning	Mathematics/ Statistics Mathematics & Stat./ Statistics Alternative Mathematics	Calculus Statistics Stat & Probability Stats B

# WHAT ARE EMPLOYERS WANTING?

- Communication skills written and verbal
- Ability to work well in a team
- Literacy and numeracy skills
- Confidence learning about and using tech
- Planning and organisational skills
- Initiative and a can-do attitude
- Flexibility
- Good work habits and independence
- Understanding of health and safety

# Employers are looking!

- Be aware, employers do use social media to check potential employees
- Keep it clean
- Have a personal email address and a business one also
- [Puppetmaster3@gmail.com](mailto:Puppetmaster3@gmail.com) is not professional!!

# Important things you need to do.

- ▶ Create a CV - All students should have this on hand ready for all opportunities that come your way eg scholarships, part-time jobs etc.
- ▶ Get your licence!
- ▶ Ensure you have the following:
  - ▶ A bank account
  - ▶ An IRD number
  - ▶ Identification such as passport or birth certificate



Now select your 2020  
Subjects with your  
Form Teacher 😊