KLA Presentations

- English
- Maths
- Science
- Humanities
- Health/PE
- LOTE / Language
- ICT
- Performing Arts
- Art
- Digital Media
- Technology
- Food
- VCAL
- Careers/MIPS
At least one English study is compulsory for all students at VCE.

This means all students study at least 4 units of English over 2 years.
• Units 1&2 are usually studied in Year 11

• Units 3 & 4 are usually studied in Year 12
Students must pass at least 3 units of an English to be awarded the VCE.

Students must pass **both** Units 3 & 4 of an English in order to receive an ATAR.
English options at VCE

- English
- English + English Literature
- Literature
Most students study English Units 1-4

Year 11 – Units 1 & 2

Year 12 – Units 3 & 4
Some students choose to study both English and Literature at Year 11 and/or Year 12.

If you wish to study Units 3&4 Literature, it is recommended that you choose Unit 1&2 Literature in Year 11.
Some students choose to study English and Literature in Year 11 then only Literature or English in Year 12.
It is possible for students to study *only* Literature at Year 11 and Year 12.

However:

- It is very difficult to move into Units 3&4 English if you have not completed Units 1&2 English.

- You will need sub-school approval for this option.
Mathematics Pathways

\[ y = mx + b \]
Maths Pathways

Year 10
- Foundation Maths
- Year 10 Further
- Year 10 Methods
- Enrichment Maths (elective)

Year 11
- Foundation Maths
- General Maths Further
- Maths Methods
- Maths Methods and General Maths

Year 12
- Foundation Maths does NOT lead into Year 12 Maths
- Further Maths
- Maths Methods
- Maths Methods and Specialist Maths
VCE Science

Science: Is part of our daily lives

- Sexually Transmitted Diseases
- Electrical Safety
- Safe Chemical Use
- Stress Management
- Weight Loss, Diets Nutrition, Exercise
- Contraception
- Car Safety, Speed
- Health Issues, Smoking, Alcohol
VCE Science

Science: Is part of Environmental and Global Issues

- Nuclear Energy, Radiation
- Carbon Dioxide
- Carcinogens
- Cane Toads
- Genetically Modified Crops
- Genetic Testing
- Hybrid Cars
- Plant and Animal Conservation
VCE Science

- Science is an integral part of careers in 21st Century

Do you enjoy or are you good at PSYCHOLOGY?

Have you considered the occupations above?
Tertiary Courses and Careers

Often Require Specialized Science Subjects

- Biology  Anesthetist, Nurse, Sport Scientist, Zoologist
- Chemistry  Dietician, Refrigeration Engineer, Podiatrist
- Physics  Engineer, Telecommunications, Physiotherapist
- Psychology  Human Resource Manager, Counselor, Advertising
• Biology  Unit 1 + 2 highly recommended for Unit 3 + 4

Cells
Ecosystems
Biotechnology

Anatomy
Biochemistry
Reproduction

Physiology
Genetics
Evolution
• Chemistry

Units 1+ 2 required for Unit 3+ 4

(Good Maths Skills are important)

• Atomic Structure
• Reactions
• Food Nutrients
• Chemical Energy
• Carbon Chemistry
• Drug Synthesis
• Environmental Chemistry
• Acids and Bases
Physics

Units 1 + 2 required for Units 3 + 4

(Good Maths Skills are crucial)

- Electricity
  - Motion
  - Light
- Nuclear Reactions
  - Forces
  - Gravity
  - Friction
Psychology

Brain Function
Thought Processes
Emotions

Psychology Applications
Individual and Group Behaviors

Visual Perception
Intelligence
Social Influences

Units 1 + 2 preferred for Units 3 + 4
VCE Science Subjects involve Practical Activities which are often an important part of the assessment

More Info

• Present and Past VCE Students
• VCE Teachers
• Careers Teachers
What is Humanities?

- Humanities are academic disciplines that study the human condition, using methods that are primarily analytical, critical or speculative.
- Humanities investigates human concerns and social relations.
Why study Humanities?

- Research Skills (how to find information)
- Communication (how to present information to others)
- Vocational Opportunities - Careers
- Enjoyment
Year 10 Humanities

- Commerce
- Geography
- History
- Environmental Studies

Note: All subjects are a semester in length
Year 10

Humanities

- Commerce
  - The Law, Money, Politics, Economics and Business
Year 10 Humanities

- Environmental Studies
  - Current Issues include
    - Global warming, Access to Fresh Water, Biodiversity, Wetlands and Ecosystems
Year 10
Humanities

- Geography
  - Urbanization – Cities
  - Coasts - Formation and Management
Year 10 Humanities

History

– Australian History

- Post WWII – Second Half of the Twentieth Century
  - Cold War
  - Vietnam War
  - Apartheid
  - The Rock and Roll Generation
VCE Humanities Unit 1&2

- History
- Geography
- Accounting
- Legal Studies
- Economics
- Business Management
VCE History

- Units 1&2 - 20th Century History
- Unit 3&4  Revolutions - Russian and American
VCE Geography Units 1&2

• The study of People and Places – local and global.

• How to be a good Global Citizen – using the world’s resources responsibly.
Reporting and Recording of Business Financial Transactions
The study of the Australian Legal System, in areas of Criminal & Civil Law.
The study of Supply and Demand, as well as, Goods and Services.

How to be an informed citizen.
The study of small business in Australia.
Communication and Management within business.
Health and Physical Education

- Return to main page
WHAT WORK OPPORTUNITIES ARE THERE FOR LANGUAGES?
An obvious area is food but it doesn’t mean you’re limited to restaurants!
HERE ARE SOME EXAMPLES
COMMUNICATING...

• Radio announcer at SBS

• Tv presenter \ sport reporter on SBS

• Journalist \ fashion writer
MATHS\ECONOMICS...

- Italian Chamber of Commerce & Industry
- International French Associations
- Diplomatic service
- Embassies
- Engineering
- Business consultant
• Lawyer: international law firm
• Human Rights advocate
• Legal advisor
• International relations advisor
LANGUAGES...

- School exchange organizer
- Interpreter and translator
- Language teacher
- Social worker
- Coordinator - University Overseas Study Program
INTERNATIONAL STUDIES...

• Embassies

• Political adviser

• Customs official
ARTS and DESIGN...

- Interior design
- Furniture design
- Fashion

Chef
TRAVELLING...

• Travel agent
  • Tour guide
• Travel writer
  • Exchange student
VCE ASSESSMENT

Year 11
• School based assessment
• Satisfactory completion of Outcomes
• End of semester exam

Year 12
• School assessed coursework
• Satisfactory completion of Outcomes
• Oral exam (VCAA)
• Written exam (VCAA)
BENEFITS OF YR12 LANGUAGES

• Generally scaled up on ATAR to acknowledge difficulty of subject

• Advantages in Middle Band prerequisites for certain courses (check VTAC Guide)

• Automatic bonus points for entry into particular courses at: Melbourne University, Monash University & Australian National University.
INFORMATION TECHNOLOGY
Information Technology – What to expect

Year 11 ITA –

- Students study a range of software tools to solve everyday problem.
- Tackle practical networking problems.
- Design and develop websites to an industry standard.
- Learn to interpret and design visualisations.
- Study career paths.
- Study programming techniques and design and create complex programming applications and games.
Information Technology – What to expect

- Year 12 ITA –
  - Students will further develop their learning of IT, with skills in databases and web development and design using CSS.

- Year 12 Software Development –
  - Students will study programming languages and conventions to create applications and games.
Information Technology Streams

Year 11

Information Technology Applications

Year 12

Information Technology Applications

Software Development

**(Or you may wish to elect to undertake both ITA and SD at Year 12)**
Year 11
ITA – Networking
Website Design and Production Using CSS
What is Animal Uproar?

Your home is being burned to the ground and there is nothing you can do about it but watch it burn to ash in front of your eyes. Your family, friends... all gone. Zulu's, the witchdoctor of his tribe, lost everything when his village was burned to the ground by the Harvest Industries. But Zulu hadn't completely given up. Summoning animals from across the globe to help him slowly reclaims the destroyed village and work his way to his ultimate goal and claim his revenge. Industry Headquarters in the large city.

Do you choose to side with Zulu? Fight with Zulu's and avenge you and prove your worth. Control dozens of different animals and if you fail Zulu's trust we allow you to control more and more powerful and majestic creatures. Your animal army will start small but it won't be long before your rushing through city streets turning things up with a loud roar, or scaring over savannahs stalling your prey as a majestic eagle. As your animal arsenal grows so does your huge range of customization so you tweak and change your animals to your own personal desires changing different skins, species, combat armor, spaws for your Kiriga and so much more. Every animal has its own specialty and it's up to you to use these to your advantage to take down enemies and navigate difficult terrain.

Master the art of animal control and take the fight to Harvest Industries. Who knows, maybe you'll become the Animal King!

What platforms is it on?

Animal Uproar
SURFACE

GAME

DEVELOPMENTAL WORK

WEB PORTFOLIO

Another life about to be taken by the harsh government, but you are the only one who can make things right. Your best friend has been sentenced to death for government espionage and it is up to you to save him.

In the future, man-kind has re-colonised below the surface due to the erosion of the ozone, making the surface of the earth uninhabitable.

You are one of the very few humans who can traverse the harsh surface of the earth, which has been turned into a dry wasteland due to the erosion of the ozone. The only things inhabiting the earth are the creatures that evolved into ferocious beasts in order to survive & the mysterious rebel colony who

GAME

DEVELOPMENTAL WORK

WEB PORTFOLIO

Script

The scene scripted details the protagonist's first meeting with the surface rebels. A conversation with the rebel's leader ensues and a shocking secret is revealed. A copy of the script can be accessed through the link to the left.

Synopsis

A synopsis is a short piece detailing the game's concept, plot and interactions. A copy of the synopsis can be accessed through the link to the left.

Focus audience

The focus audience is the demographics of people the game is targeted towards. It is usually written at the same time as the synopsis. A copy of the focus audience written piece can be accessed through the link to.
SURFACE

GAME
DEVELOPMENTAL WORK
WEB FOLIO

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I.T Careers Day
Kangan TAFE
Art
YEAR 11
STUDIO ART
Curriculum

- Focus on Studio Practice
- Exploring different mediums
- Create 2D and 3D works
- Express and discover your style
- NGV Top Arts Excursion

…And then what?

Continue to explore and develop your own creative style in Year 12 by studying Units 3&4 Studio Art. Consider Tertiary Courses and explore careers in design, fashion, film & television…
Year 11 Visual Communication Design
Curriculum

• Technical Drawing
• Experimenting with different materials
• Creative Design Tasks
• Research Tasks
• Developing technique & creativity
• Adobe Design Software Skills
• Exam

Careers

‘Design is the quickest and largest growing business in Australia offering extremely interesting and well paid careers’ – The Age April 2011
…to design all the things that we need and want…
And create visions for our future needs and wants...
The arts teach students that problems can have more than one solution ......and that questions can have more than one answer.

DIGITAL MEDIA

Year 11 Media
Year 11 Studio Arts: Photography
VET: Interactive Digital Media (Units 1 and 2: Creative Industries)
• Year 11 Media is a folio based subject.
• Students study a wide range of media texts (films, television, print, video games) and with this discuss such works are constructed and regulated.
• Student critical evaluate how and why the media shapes the lives of all who consume it (audiences).
• Students look at issues concerning whether or not the media has a positive or negative influence on our daily lives, through a study of the impacts of violent media entertainment (namely video games).
• Students build on their filmmaking skills to prepare their own video production on a chosen theme from the planning through to the shooting and finally the editing.
• Year 11 Studio Arts: Photography is a folio based subject.
• Students build on their digital photography skills as they learn one technique per week. This can be a scanning/Photoshop/printing/camera based techniques.
• Students get to exercise these camera skills by producing a landscape folio in Unit 1 and select their own theme in Unit 2 and borrow the cameras over the weekend.
• Students have the chance to study a range of work from multiple photographers and their photographic styles
The multimedia course is managed by Victoria University and run at Gladstone Park by our teaching staff.

At Year 11 the course is called Creative Industries.

Students will be required to use a variety of multimedia software, including Photoshop, Flash, and tools to manipulate audio to create animations, posters, and websites.

Students will work on a number of projects throughout the year and can enter a number of competitions.

VET Creative Industries is a practical based subject.

VET Interactive Digital Media (Units 1 & 2: Creative Industries)
YEAR 11 PRODUCT DESIGN AND TECHNOLOGY – WOOD/TEXTILES

- **UNIT 1  PRODUCT RE-DESIGN AND SUSTAINABILITY**
  
  *Students will redesign an existing product, then make it*

- **UNIT 2  -  COLLABORATIVE DESIGN**
  
  *Students work in teams to make items in a product range*

- There is a $80 fee for wood and $100 for textiles
ASSESSMENT

- PRACTICAL WORK
- ASSIGNMENTS
- FOLIO WORK
- ORAL PRESENTATION (Textiles)
- CAD DRAWINGS (Wood)
- EXAM
YEAR 11 TEXTILES
STUDENT WORK
FOLIOS
Textiles Leads to Careers in...

- Fashion Design
- Clothing Manufacture
- Fabric Design & Manufacture
- Fabric dying and finishing
- Fibre Production
- Fashion Retail/Business ownership
YEAR 11 WOOD STUDENTS WORK
YEAR 12 WOOD STUDENTS WORK
TYPICAL WOOD CLASS
WOODWORK LEADS TO CAREERS IN........

- Cabinet making
- Carpentry / Building
- Wood Machining
- Wood Turning
- Furniture making
- Furniture design
TECHNOLOGY (Systems Engineering)

YEAR 10 MATERIALS AND SYSTEMS

YEAR 11 SYSTEMS ENGINEERING UNITS 1,2

YEAR 12 SYSTEMS ENGINEERING UNITS 3,4

YEAR 10 TEXTILES

YEAR 11 PRODUCT DESIGN AND TECHNOLOGY UNITS 1,2 TEXTILES OR WOODWORK

YEAR 12 PRODUCT DESIGN AND TECHNOLOGY UNITS 3,4 TEXTILES OR WOOD
YEAR 11 SYSTEMS ENGINEERING

• UNIT 1  MECHANICAL ENGINEERING FUNDAMENTALS
  Construction of mechanical systems. Projects include motorised and computer controlled vehicles.

UNIT 2 - ELECTROTECHNOLOGY ENGINEERING FUNDAMENTALS
  Construction of electronic circuits and incorporating them into useful products. Projects include a desk light and an amplifier.

There is an $80 fee for this subject
ASSESSMENT

- PRACTICAL WORK
- ASSIGNMENTS
- FOLIO WORK
- CAD DRAWINGS
- BOOKWORK
- EXAM
YEAR 11 SYSTEMS STUDENTS WORK
YEAR 12 WOOD STUDENTS WORK
TYPICAL SYSTEMS CLASS
SYSTEMS ENGINEERING LEADS TO CAREERS IN......

- Engineering – mechanical and electrical
- Electrician
- Computer/TV/Video repair
- Auto Electrician
- Electrical design
- Electrical sales
Food and Technology focuses on the importance of food in our daily lives and the relationship between food and technology. The study enables students to apply their theoretical understanding of the relationship between food and technology as they develop skills in food preparation.
2013

Units 1 & 2
• Levy $200

Units 3 & 4
• Levy $150

Students are expected to pay levy to secure a spot in 2012
Unit 1 & 2

- Food safety and properties of food.
- Planning and preparation of food.
Unit 3 & 4

- Food preparation, processing and food controls
- Food product development and emerging trends
Career Paths

- Bar attendant
- Brewery worker
- Caterer
- Cook
- Delicatessen assistant
- Dietary aide
- Fast food sales assistant
- Food process worker
- Fruit and vegetable picker
- Hospital food service manager
- Kitchen hand
- Meat processing worker
- Seafood processor
- Seafood sales assistant
- Ship’s catering attendant
- Weight loss counsellor
- Winery worker
- Food processing technician
- Hospital food service manager
- Pastry cook
- Primary products inspector
- Smallgoods maker
- Baker
- Butcher
- Cheese maker
- Chef
- Confectioner
- Cook
- Food Technologist
- Home Economist
- Nutritionist
- Food Critic
- Food Stylist
- Environmental Health Officer
- Consumer Scientist
- Secondary Teacher
If you have any queries please feel free to contact Mr. Callegari in the Food Tech rooms.