



**BONNYRIGG HIGH SCHOOL**  
selective and local enrolments  
*I shall strive for the best*

Stage 5  
Z Elective

# Subject Information

20  
23

BONNYRIGG  
HIGH SCHOOL  
1961



# Year 10 2023

<b>Z Elective 100 hour courses</b>	
All about Korean	Indigenous Cultural Studies
Accounting	Boot Camp
Bend It, Break It, Fly It, Race It	Cake Decorating and Café Fusion- Beginners
Gaming and Website Development	Cake Decorating and Café Fusion- Intermediate (Pre-requisite- year 9 cake and Café)
Anime and More	Glitz and Glam
Music Jam	CSI
English Extension	I Innovate
Continued from Year 9	
Basketball Academy	Dance Academy
I Innovate	

**Subject: Accounting****Course Description**

This course will teach students the principles of accounting, as practiced by the accounting profession. This basic course will introduce students to accounting methods and the use of technology to deliver this information to end users.

**Main topics/ themes covered**

- Accounting concepts
- Source documents
- Books of first entry- journals
- Ledger accounts and double entry principle
- Trial balances analysis and preparation
- Revenue statements – preparation and analysis
- Balance sheet – preparation
- Petty cash maintenance
- Debtors and creditors ledger
- Bank reconciliation
- Introduction to MYOB software package to deliver the above
- Reconciliation and control accounts

**Requirements**

- Ledger book
- Calculator
- Computers to use MYOB package

**What will students learn in this subject?**

- Accounting and mathematical skills.
- Experience what accountants do in the real world.
- Students become better record keepers and money managers.

**Subject: All about Korean****Course Description**

This short course is designed to enable a student to learn basic Korean and teach them about South Korea's modern history and culture with some basic conversational Korean.

This course will incorporate computer activities, calligraphy, food, dance and a brief study of Korean festivals.

This course is perfect for those students who are interested in learning the Korean culture, which is already globally accessible through media contents such as Korean drama, K-pop, Korean cuisine shows and reality TV shows.

The Korean language is beneficial in many ways.

- Korean language will be easy to learn due to its scientific pronunciation system and Hangeul, the Korean alphabet.
- The Korean language helps learn other Asian languages such as Chinese and Korean. The classical Chinese characters were incorporated into the Korean language with Korean pronunciation, whereas, Japanese language shares the same grammar syntax as the Korean language.

**Main Themes/Topics covered**

- Conversational Korean
- Reading and writing in Korean
- The cultures of South Korea in the 21<sup>st</sup> Century
- Traditional Dances
- K-pop
- Traditional Food
- Street Food

**Requirements**

290 page exercise book

**What will students learn in this subject?**

- Ability to speak a 2<sup>nd</sup> language
- Ability to read a 2<sup>nd</sup> language
- Experience and learn about the culture of Korea

**Subject: Anime and More****Course Description**

A strongly based practical based course which encourages the understanding of different types of animation through exploring a variety of drawing and video techniques. Students will develop understanding about the world of anime and then apply that knowledge to create their own characters and narrative.

**Main topics/ themes covered**

- Fundamentals in Drawing
- Animation basics
- Flipbook
- Claymation
- Design your own anime

**Requirements**

- Visual Arts Process Diary
- 2B, 4B, 6B pencil
- Ruler, glue and scissors

**What will students learn in this subject?**

- Step by step guide to designing anime characters (e.g. character design, creating worlds)
- Technical skills in Drawing and Video
- Develop their own stories through storyboarding
- Gain knowledge of different animation styles and how to create them

**Subject: Bend It, Break It, Fly It, Race It****Course Description**

This is an interesting engineering-based program where students are asked to make practical solutions for testing. Their design and creative energies meet the challenge by producing a quality solution.

Some projects will require team-work while others are made by each student.

They may bend or break a project, they may fly a project or simply race it on a track – it's all fun!

**Main topics/ themes covered**

- There are four themes on rotation ...
  - Designing and making the most efficient bridge – testing it until it breaks.
  - Flying a launched water rocket the furthest – wing/fins and nose cones are created on a 3d printer.
  - Racing a model dragster as fast and furious as can be done on a timed test track – this may be CNC machined from your CAD drawing.

Perhaps an electronic car following a course using light sensors as fast as possible.

**Requirements**

- \$50 for most materials but some enhancements to project solutions may require an ingenious gathering of further resources.

Generally most basic equipment will be supplied.

**What will students learn in this subject?**

- Lot's of hands on experience and comparative challenges to build fun projects.
- A good practical experience in engineering and product design
- Some CAD experience with a copy of a fully education licenced software program being issued for free to load on a personal Windows based PC at home – CREO 2.

Competition often missing in a lot of learning – fun to watch what makes a winner!

***Other comments***

- This is a course with a lot of practical work. But, you do need to think and be creative as your projects require some learning along the way. Good mathematicians; this is a subject worth doing!

<b>Subject: Bootcamp</b>	<b>Faculty: PDHPE</b>
<b>Course Description</b>	
This course is designed to help improve student health and wellbeing. The course will have students analyse their current lifestyle and level of physical fitness. It will give students the time and resources to help build and improve their fitness levels.	
<b>Main Themes/Topics covered</b>	
<ul style="list-style-type: none"> <li>• Basics of Exercise Science - Physiology</li> <li>• Fitness assessment and improvements</li> <li>• Planning Exercise</li> <li>• Exercise</li> </ul>	
<b>Requirements</b>	
<ul style="list-style-type: none"> <li>• Sports Uniform</li> <li>• Water Bottle</li> <li>• Towel</li> </ul>	
<b>What will students learn in this subject?</b>	
<ul style="list-style-type: none"> <li>• Students will gain the skills to make informed decisions that will enable them to fulfil a healthy lifestyle.</li> </ul>	

**Subject: Cake Decorating and Café Fusion****Course Description**

- This course will consist of 50% Cake Decorating skills development and 50% Café skills development. Students will start in either the café or cake class and switch after term 2.
- You will learn an introduction to the basic skills required to work in a café, prepare and serve café food and serve customers. Students will prepare food and serve coffee.
- This course will also interest students keen to learn a basic introduction to cake decorating techniques. Students will bake and decorate a variety of cakes and cupcakes.

**Main Themes/Topics covered**

- Coffee Machine Skills
- Iced beverages
- Production of café food – desserts, breakfast, lunch, snacks
- Baking cakes and cupcakes
- Different icings and their uses
- Piping frosting skills.
- Cakes for special occasions
- Food hygiene practices
- Essential baking skills: Icing and their uses
- Piping skills

**Requirements**

- School apron / tea towel/ solid black leather shoes
- A good sized container for cake decorating

**What will students learn in this subject?**

- Knowledge of café skills
- Food preparation and presentation skills
- Customer service
- Cleanliness and kitchen management skills
- Cake baking and preparation of icings
- Cake decorating skills- Piping icings, making decorations
- Producing a finished cake product to take home



**Subject: Cake Decorating and Café Fusion- Intermediate****Course Description**

- This intermediate course will help students extend their skills learnt in the beginner's course completed in year 9. It will consist of 50% Cake Decorating skill development and 50% Café skill development. Students may either commence in the school's café facility or cake class and switch after term 2.
- Students will learn more advanced cake decorating and café skills. They will further develop their skills required to work and operate hygienically in the school's café facility, preparing and serving simple café meals and coffees, taking orders and serving customers.

**Main Themes/Topics covered**

- Prepare and serve espresso coffee and iced beverages
- Prepare and serve café food – desserts, breakfast, lunch, snacks
- Buttercream piping skills – borders, flowers
- Creative Cakes - Cupcake bouquets, Cake pops
- Decorating cookies - Royal icing line and flood work
- 3D fondant essentials – making characters and modelling, tie-dye fondant
- Food hygiene practices

**Requirements**

- Completed beginner's cake decorating course in Year 9
- School apron / tea towel/ solid black leather shoes
- A good-sized container for cake decorating

**What will students learn in this subject?**

- Knowledge of café skills
- Food preparation and presentation skills
- Customer service skills
- Cleanliness and kitchen management skills
- Cake baking and preparation of icings
- Cake decorating skills
- Producing a finished cake product to take home

<b>Subject: CSI</b>
<b>Course Description</b>
CSI Bonnyrigg combines topics from Maths, Chemistry, Biology Physics, Psychology and Earth Science into a single course with materials already available in Science and correlated to the national Science Education Standards. It has thought-provoking activities to help students develop critical thinking and problem solving.
<b>Main Themes/Topics covered</b>
<ul style="list-style-type: none"> <li>• Observational skills, crime scene investigations and evidence examination, the study of hair, fibres and fabrics, pollen and spore examination, finger print examination, DNA profiling, soil examination, hand writing analysis, glass evidence, blood and blood spatter patterns, casts and impressions.</li> <li>• Incursion on Forensics</li> </ul>
<b>Requirements</b>
Student participation fee of \$50 per student
<b>What will students learn in this subject?</b>
<ul style="list-style-type: none"> <li>• Development of Critical Thinking and Problem-Solving skills which then may be used in Senior Subjects.</li> <li>• Observational Skills.</li> </ul>

**Subject: English Extension****Course Description**

English Extension course provides students with the opportunity to further strengthen their understanding of how and why aspects and concerns of texts from the past have been carried forward, borrowed from and/or appropriated into more recent cultures.

Students undertake independent investigation to develop a sustained composition and document this process in their Major Work Journal and Reflection Statement.

**Main Themes/Topics covered**

- The art of creative writing
- Podcasts and their impact
- Film making
- Discourse and ways of thinking
- Reflecting on your compositions
- Independent Research project

**Requirements**

- exercise book

**What will students learn in this subject?**

Students will be able to:

- craft language to shape meaning and express imaginative, creative, interpretive and critical responses to a range of texts
- express imaginative, creative, interpretive and critical ideas based on sophisticated analysis and theorising about complex texts and values
- reflect on and evaluate their own processes of learning and creativity.

This subject is recommended for those students who aspire to the Preliminary English Advanced or English Extension courses.

**Subject: Gaming and Website Design****Course Description**

This short course is designed to enable you to

- Design, develop and produce a website
- Create a game

Learn a programming language.

**Main topics/ themes covered**

- How games are developed
- How to read HTML5 Dreamweaver
- Website development cycle
- Different types of languages and their uses Structure of a program
- Languages could be but are not limited to HTML5, action script 3, Visual basic
- Creation of a product E.g. game, animation, website or app

**Requirements**

- 8GB USB

**What will students learn in this subject?**

Ability to create a product such as a game, animation, website or app using code.

**Subject: Glitz & Glam****Course Description**

This course will interest students who have a passion in beauty and makeup. Students will learn quick and simple make up tips and techniques for a professional makeup finish. This course is designed for beginners or for those who are interested in becoming a makeup artist in the future.

A range of different makeup looks including smokey eye, bridal glam, day glam and simple glam will be covered throughout the course. Students will complete makeup techniques and tutorials on a partner and themselves during lessons.

**Main Themes/Topics covered**

- Hygiene – basic steps to good makeup hygiene
- Base/ Foundations – applying the correct base and colour blends
- Contouring – correct or enhance your bone structure
- Highlighting – how to apply a highlight for a ‘natural glow’
- Blush/bronzer –where to apply blush & bronzer
- Shadows
- How to create the perfect brow – eyebrow shaping to suit different eye shapes
- Lips – Selecting colours to enhance or correct lip shape, pencil outlining techniques
- Retail makeup purchasing – selecting makeup in makeup/retail stores that best suits your skin tone, features & age

**Requirements**

- Makeup bag
- Own brushes, sponges, shadows, liners and lipstick
- Art diary/notebook

**What will students learn in this subject?**

Students will be involved in a range of hands on practical experiences which will allow them to develop a range of skills and makeup techniques that may assist them in a career as a Makeup artist or in the beauty industry.

**Subject: Indigenous Cultural Studies****Course Description**

A look at Indigenous culture over time including how and why it has changed. The course looks at the diversity of the ATSI peoples and it explores the dynamic nature between of these cultures and identities. It also examines the importance of social justice and equity. This course is significant to both indigenous and non-indigenous students.

**Main Themes/Topics covered**

- Relationship between people and the land (including dispossession)
- The Dreaming and cultural ownership
- Impact of colonisation
- Indigenous Creative Arts (visual and performance)
- Indigenous people in the Media (sport and television)

**Requirements**

- 180 page exercise book
- Standard school stationery

**What will students learn in this subject?**

As Bonnyrigg High is a culturally diverse school, students get the opportunity to look at and understand the culture and heritage of the First Nations peoples through an array of personal and interpersonal experiences

**Subject: Music Jam****Course Description**

Music is a creative subject which allows students to display individuality and develop higher order thinking skills. Students will gain experience in an instrument of their choice, learning different techniques and developing their expertise. This practical based course is designed to enable students to have the opportunity to perform within an ensemble with some theoretical foundation to support their performances. Students will be encouraged to express themselves through music and explore their talents.

**Main Themes/Topics covered**

- Safety of equipment
- The Guitar
- The Piano
- The voice
- Ensemble works
- The Drums
- Performance techniques
- Reading sheet music
- Practise techniques
- Styles of music

**Requirements**

- 96 page exercise book

**What will students learn in this subject?**

- Enjoys practical work
- Enjoys music
- Is motivated to learn and explore an instrument
- Able to work as a member of team for ensemble work

**Subject: Basketball Academy****Course Description**

This course is designed to help improve student health and wellbeing. The course will allow students to participate in basketball technical drills and routines. Students will learn how to improve and train for different components of the sport, understanding the importance of styles of training, nutrition and warm-up/cool down procedures. The Z elective will focus on developing gifted students sporting skills.

Students will be required to undertake a selection process. Maximum 20 students.

**Main Themes/Topics covered**

- Introduction to Basketball, outline of the elective
- Movement Principles
- Nutrition
- Muscles and Movement
- Sports Strategy and Tactics

**Requirements**

- Sports Uniform
- Water Bottle
- Students will be required to undertake a selection process. Maximum 20 students.

**What will students learn in this subject?**

- Students will gain the skills to make informed decisions that will enable them to fulfil a healthy lifestyle
- Students will have the opportunity to participate in various sporting competitions throughout the year (e.g. State knockout and National Championships)
- Learn important teamwork skills



<b>Subject: Dance Academy</b>
<b>Course Description</b>
<p>The dance academy Z elective is a performance based course designed to focus on developing gifted and talented dance students across the performance arena. The course will allow students studying dance in the X/Y elective stream to be selected to be a member of the Z elective dance academy. Students will develop their dance technique through a practical course to prepare for auditions and perform at various events.</p> <p>Students must engage in a selection process and must be studying dance as a 200 hour elective subject in the 9 and 10 X/Y elective stream</p> <p><b>* Note: This course will replace the after school ensemble for year 9 and 10 students.</b></p>
<b>Main Themes/Topics covered</b>
<ul style="list-style-type: none"> <li>• Composition</li> <li>• Audition Tips</li> <li>• Performance</li> <li>• Dance filming and editing</li> </ul>
<b>Requirements</b>
<p>Students will be required to sign a contract after successfully being accepted into the academy, which outlines their responsibilities to the academy.</p> <ul style="list-style-type: none"> <li>• Dance Blacks</li> <li>• Black Jazz shoes</li> <li>• Students must be studying dance as an X/Y elective and in addition will be required to undertake a selection process to be accepted in the Z elective course.</li> </ul>
<b>What will students learn in this subject?</b>
<ul style="list-style-type: none"> <li>• Students will gain extensive technique training across a various dance styles.</li> <li>• Students will have the opportunity to perform at various festivals, competitions and events (e.g. Schools Spectacular, Southern Stars, Ultimo Dance Festival, Local Eisteddfods)</li> <li>• Develop leadership and teamwork skills</li> <li>• Develop dance teaching skills with the opportunity to practice these skills in local primary schools and to junior secondary dance students.</li> </ul>

**Subject: I Innovate****Course Description**

Students are introduced to the concepts of design and innovation and explore what it means to be a designer or an innovator. Join this course and take the opportunity to design your own sustainable house, race a car down a track and finally create a Bonnyrigg High School Community Garden.

**Main Themes/Topics covered**

- Introduction to design thinking and effective collaboration
- My energy efficient house rules - (the future of energy)
- The race is on (F1 cars or dragsters)
- Let it grow (creating a sustainable garden)
- Class members have the option to participate in a variety of STEM based outreach programs during the course, examples may include:
  - National Science Poster Competition
  - CSIRO Scientist and Mathematician in school program
  - CSIRO Bronze Award
  - STEM Festival
  - Science and Engineering Challenge
  - Maths and Science Challenge
  - Curious Minds

**Requirements**

96 page exercise booklet

**What will students learn in this subject?**

- Students will be solution focused through deeper thinking and understanding the process
- Students will design innovative products and participate in exhibitions
- Students will generate ideas, possibilities and actions
- This is a great stepping stone into the fields of Engineering, Stage 6 Science and Computing
- Students will use their Science and Maths skills to connect with real world design solutions faced by good engineers and designers