



# **The Cathedral College Rockhampton**

## **CURRICULUM HANDBOOK**

**YEAR 8, 9 and 10 2019**

<b>CONTENTS</b>	<b>PAGE</b>
Introduction	3
Course of Study in Year 8	4
Course of Study in Year 9	4
Course of Study in Year 10	4
Religious Education	5
English	6
Mathematics	7
Humanities and Social Science	9
Science	11
The Arts (Drama, Music and Visual Art)	12
Business and Information Technology	15
Food and Textiles Technology	18
Industrial Technology and Design	21
Japanese	23
Physical Education	24
Appendix A: Stationery/Equipment/Clothing Requirements List	26

This handbook contains details of the courses offered in Years 8, 9 and 10. The Cathedral College Curriculum is formed using the Australian Curriculum and is based on Catholic Education Diocese of Rockhampton's Curriculum Framework. Further information can be found at <http://www.australiancurriculum.edu.au> and <http://www.rok.catholic.edu.au/wp-content/uploads/Learning-Framework.pdf>.

The core subjects of Religious Education, English, Mathematics and Science are mandatory. Years 8, 9 and 10 are part of a student's general education and part of their preparation for Senior School. A student's future career direction should be a consideration in the selection of electives.

It is expected that the decision making process includes consultation between students, parents and teachers. In this way a relevant and realistic course of study can be formulated for each student.

**Students entering Year 8 and 9 in 2019** will study 'Core Subjects' of Religious Education, English, Mathematics, Science, History, Geography and Civics & Citizenship as well as three (year duration) elective subjects chosen from The Arts, Business and Information Technology, Food and Textiles Technology, Industrial Technology and Design, Japanese and Physical Education.

**Students entering Year 10 in 2019** will study 'Core Subjects' of Religious Education, English, Mathematics and Science as well as three (year duration) elective subjects chosen from The Arts, Business and Information Technology, Food and Textiles Technology, Humanities and Social Science, Industrial Technology and Design, Japanese and Physical Education.

Students and parents are required to read this handbook carefully before making a final decision about a preferred course of study. **Please note any recommendations that have been made in relation to Mathematics, English and Science for Year 10.**

It is important to note that choosing a particular elective in Year 8 or 9 does not lock a student into continuing that elective in Year 9 or 10.

Students will need to select their preferred subjects using the web preference system. These preferences will be blended to formulate an arrangement that will cater for the interests and needs of most students.

It may be helpful for students to consider the following when deciding on elective units of study:

- In which subjects do I achieve my best results?
- What subjects do I enjoy?
- What subjects would I like to study as possible courses of study in Senior School?
- What types of occupations might I like to enter after the completion of my education?

Students entering Year 11 in 2019 and beyond, will be part of the new QCE (Queensland Certificate of Education) System. Below is a link to the Queensland Curriculum and Assessment Authority resources:

<https://www.qcaa.qld.edu.au/senior/new-snr-assessment-te/resources-faqs>

Mrs Brenda Mallory  
Assistant Principal: Curriculum

## COURSE OF STUDY IN YEAR 8

### CORE SUBJECTS (Year Long Subjects)

Religious Education, English, Humanities (History, Geography, Civics & Citizenship), Mathematics, Science

### Electives – 3 to be studied (year duration)

<b>The Arts Department</b>
Drama Music Visual Art
<b>Business and Information Technology Department</b>
Economics and Business Digital Technologies
<b>Languages Department</b>
Japanese
<b>Food and Textiles Technology Department</b>
Hospitality Fashion
<b>Industrial Technology and Design Department</b>
Industrial Technology and Design
<b>Physical Education Department</b>
Physical Education

## COURSE OF STUDY IN YEAR 9

### CORE SUBJECTS (Year Long Subjects)

Religious Education, English, Humanities (History, Geography, Civics & Citizenship), Mathematics, Science

### Electives – 3 to be studied (year duration)

<b>The Arts Department</b>
Drama Music Visual Art
<b>Business and Information Technology Department</b>
Economics and Business Digital Technologies
<b>English and Languages Department</b>
Japanese
<b>Food and Textiles Technology Department</b>
Food and Nutrition Fashion Hospitality
<b>Industrial Technology and Design Department</b>
Graphics and Design Industrial Technology and Design
<b>Physical Education Department</b>
Physical Education

# COURSE OF STUDY IN YEAR 10

## Compulsory subjects (year duration):

Religious Education, English, Mathematics, Science.

## Electives – 3 to be studied (year duration)

<b>The Arts Department</b>
Drama Music Visual Art – 2D and 3D Media Visual Art – Film making
<b>Business and Information Technology Department</b>
Economics and Business Digital Technologies
<b>English and Languages Department</b>
Japanese
<b>Humanities and Social Science Department</b>
History Legal Studies
<b>Food and Textiles Technology Department</b>
Hospitality Fashion Food and Nutrition
<b>Industrial Technology and Design Department</b>
Design Engineering Skills Furnishing Skills Industrial Graphics
<b>Physical Education Department</b>
Physical Education

# Religious Education

## INTRODUCTION

The Cathedral College is proud of its Catholic identity. The teachings of Jesus Christ are the foundation for the school's core values of compassion, gratitude and respect, and inform every aspect of learning, teaching and being a part of the College community. An important part of each student's personal development is exploring their spirituality and developing a set of values that will ensure they are productive and well-rounded citizens. Religious Education, while underpinned by the teachings of the Catholic Church, also makes opportunities to explore, compare and discuss other world religions and philosophies. It is vital that students have religious and spiritual literacy so they can embrace difference and make informed choices about their own faith journey.

## Year 8 Religious Education

### Semester 1

- Unit 1 Topic: Welcome to the Family
- Unit 1 Assessment: Examination
- Unit 2 Topic: Ways We Pray
- Unit 2 Assessment: Assignment

### Semester 2

- Unit 3 Topic: Joining Jesus' Journey
- Unit 3 Assessment: Assignment
- Unit 4 Topic: God's Promise
- Unit 4 Assessment: Assignment

## Year 9 Religious Education

### Semester 1

- Unit 1 Topic: Justice Prevails
- Unit 1 Assessment: Assignment
- Unit 2 Topic: Healing Mind, Body and Soul
- Unit 2 Assessment: Examination

### Semester 2

- Unit 3 Topic: Tradition and Prayer
- Unit 3 Assessment: Assignment
- Unit 4 Topic: Jesus Lives
- Unit 4 Assessment: Examination

## Year 10 Religious Education

### Semester 1

- Unit 1 Topic: Social Justice in Action
- Unit 1 Assessment: Assignment
- Unit 2 Topic: Serving Others
- Unit 2 Assessment: Examination

### Semester 2

- Unit 3 Topic: Bread of Life
- Unit 3 Assessment: Assignment
- Unit 4 Topic: The Trinity
- Unit 4 Assessment: Examination

# English

## INTRODUCTION

The study of English is central to the learning and development of all young Australians. It helps create confident communicators, imaginative thinkers and informed citizens. It is through the study of English that individuals learn to analyse, understand, communicate with and build relationships with others and with the world around them. The study of English helps young people develop the knowledge and skills needed for education, training and the workplace. It helps them become ethical, thoughtful, informed and active members of society.

## Year 8 English

### Semester 1

- Unit 1 - Teens in Texts: Novel Study
- Assessment - Chapter Insert
- Unit 2 - Back to the Future: Language and Technology
- Assessment - Persuasive Speech

### Semester 2

- Unit 1 - Poems with Purpose
- Assessment - Analytical response
- Unit 2 - Moving Pictures: Visual Texts
- Assessment - Multimodal presentation

## Year 9 English

### Semester 1

- Unit 1 - Language Online: Contemporary Media
- Assessment - Written: Media Article
- Unit 2 – Protest, Politics and Power: Poetry and Song Study
- Assessment – Persuasive Speech

### Semester 2

- Unit 1 – Science Fiction: Technical and Scientific Language
- Assessment - Digital: Sci-fi story
- Unit 2 – It's Showtime!: Play Study
- Assessment – Written: Analytical Essay exam

## Year 10 English

### Semester 1

- Unit 1 – Stand Up, Speak Out: Documentary study
- Assessment – Multimodal presentation
- Unit 2 – Whodunnit?: Positioning an Audience
- Assessment – Written: Imaginative Response to Stimulus exam

### Semester 2

- Unit 1 – Characters on Trial
- Assessment – Spoken: Testimonial
- Unit 2 – The Classics: Romeo and Juliet
- Assessment – Written: Literary Essay Exam

# Mathematics Department

## INTRODUCTION

Mathematics is an essential part of everyday life and without it; our lives would be much more difficult. It offers rationality to our thoughts and in our hands can make tasks simpler and easier. Mathematics is needed to be a cook or a farmer, a carpenter or a mechanic, a checkout operator or a doctor, an engineer or a scientist, a musician; everyone needs mathematics in their day-to-day life.

Students will build on foundation skills studied in Year 7 to explore key areas to deepen their mathematical understanding and skill level.

## Year 8 Mathematics

### Semester 1

- Number 1, 2, Algebra 1, 2.
- Assessment - End of term examinations

### Semester 2

- Probability, Statistics, Algebra 3, Measurement, Geometry.
- Assessment – Assignment; Examination

## Year 9 Mathematics

### Semester 1

- Measurement, Probability, Statistics, Finance, Pythagoras' Theorem, Trigonometry.
- Assessment - End of term examinations

### Semester 2

- Geometric reasoning, Algebra 1, 2, 3 (Index laws, linear equations, non-linear equations)
- Assessment – Assignment; Examination

## Year 9 Specialist Mathematics

This challenging extension subject is based upon results of students in year 8. Students will study the full course from year 9 plus extension material from year 10.

## Year 10 Essential Mathematics

Essential Mathematics is designed to lead to the applied subject of **Essential Mathematics in Year 11 and 12**. Students will study a number of practical related topics that can be used in everyday life.

### Semester 1

- Probability, Trigonometry,
- Assessment – End of term examinations.

### Semester 2

- Finance and taxation, Measurement, statistics
- Assessment – End of term examinations.



## Year 10 General Mathematics

General Mathematics provides an introduction to many practical based mathematical concepts. It is a pre-requisite for Year 11 and 12 General Mathematics.

### Semester 1

- Algebra 1 (Linear equations), Geometric reasoning, Algebra 2 (non-linear equations), Statistics
- Assessment – End of term examinations.

### Semester 2

- Trigonometry, Probability, Finance, Measurement
- Assessment – End of term examinations.

## Year 10 Mathematical Methods

Mathematical Methods is designed to introduce students to many concepts used in Senior Mathematics.

**Mathematical Methods is a pre-requisite for Year 11 and 12 Mathematical Methods and Specialist Mathematics.** Mathematical Methods emphasises the application of the language and structure of mathematics in the real world, and helps provide students with useful mathematical knowledge and skills for an increasingly technological society.

### Semester 1

- Measurement, Algebra 1, 2 (non-linear equations, linear equations), Trigonometry, Geometric reasoning.
- Assessment – End of term examinations.

### Semester 2

- Statistics, Algebra 3, 4 (non-linear equations, polynomials), Surds and Logarithms, Finance, Algebra 5 (non-linear equations), Probability.
- Assessment – End of term examinations.

## Year 10 Specialist Mathematics

This difficult and challenging subject is a continuation of the year 9 specialist course in which students will study the full year 10 Mathematical methods course plus some extension material from year 11.

# Humanities and Social Science

## INTRODUCTION

Humanities and the Social Science subjects equip students with the knowledge and skills to make a difference in our dynamic world. Through collaborative and active learning practices, students are engaged and challenged. Humanities and Social Science subjects assist young people to understand how life experiences are the result of particular social, cultural, economic and environmental relationships that characterise communities at particular times and places. The values, concepts and skills are drawn from a range of traditions of inquiry. Disciplines include history, geography, civics, law, politics, ethics, sociology, anthropology and environmental sustainability.

## Year 8 Humanities

### Semester 1: History

- Unit 1: Japan and Medieval Europe
- Assessment: Research Task
- Unit 2: The Spanish Conquest of the Americas
- Assessment: Research Task

### Semester 2: Geography & Civics and Citizenship

- Unit 1: Landforms and Landscapes
- Assessment: Report
- Unit 2: Australian Legal System and National Identity
- Assessment: Examination

## Year 9 Humanities

### Semester 1: History

- Unit 1: World War 1
- Assessment: Multi-modal Research Task
- Unit 2: The Industrial Revolution
- Unit 3: Making a Nation
- Assessment: Examination

### Semester 2: Geography & Civics and Citizenship

- Unit 1: Biomes and Interconnectedness
- Assessment: Research Based Report
- Unit 2: Civics and Citizenship
- Assessment: Examination

## Year 10 History

### Semester 1

- Unit 1: Archaeology
- Assessment: Examination
- Unit 2: Ancient Rome
- Assessment: Independent Research Task

### **Semester 2**

- Unit 1: Rights and Freedoms
- Assessment: Research Essay
- Unit 2: World War 2
- Assessment: Examination

## **Year 10 Legal Studies**

### **Semester 1**

- Unit 1: Living with the Law
- Assessment: Examination
- Assessment: Multi-modal Research Task

### **Semester 2**

- Unit 1: Technology and the Law
- Assessment: Extended Stimulus Response
- Unit 2: Current Australian Legal Issues
- Assessment: Examination

# Science

## INTRODUCTION

In Year 9 and 10, all students will study Science. This will develop knowledge and skills and provide the basis for the choices they will consider for further science study in Senior. Even if they do not wish to study any Senior Science, the subjects offered will prove to be invaluable in terms of understanding and interpreting experiences in everyday life. The topics offered are applied and have a large practical component.

## YEAR 9 Science

### Semester 1

- Unit 1 Topic - Plate Tectonics
- Unit 1 Assessment – Examination
- Unit 2 Topic – Chemical Reactions
- Unit 2 Assessment – Examination

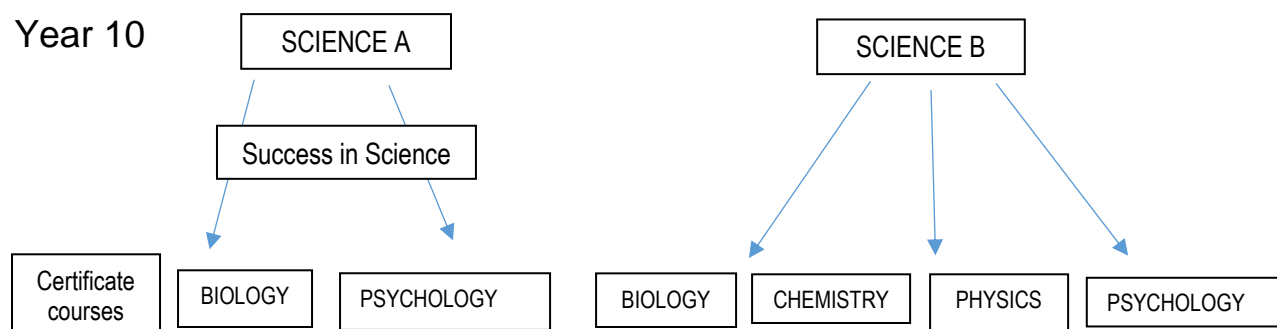
### Semester 2

- Unit 3 Topic – Disease
- Unit 3 Assessment – Examination
- Unit 4 Topic – Waves and Energy
- Unit 4 Assessment – Examination

## YEAR 10 Science

Students will receive recommendation from their Year 9 science teacher for their pathway of study in Year 10 (Science A or B), based on their achievements. Science B examinations are more complex due to higher levels of data analysis and problem solving. This is to prepare Science B students for the senior sciences. The following diagram may also assist students and parents to make an informed decision.

Year 10



## Year 11 & 12

To study Science subjects in Year 11 and 12, it is strongly recommended that students study Science B in year 10. Achieving a 'B' standard or higher in Year 10 Science B is essential to ensure that students have developed the understanding and important practical, analytical and problem solving skills required in Years 11 and 12.

## YEAR 10 Science A

### Semester 1

- Unit 1 Topic - Biology
- Unit 1 Assessment – Examination
- Unit 2 Topic – Physics
- Unit 2 Assessment – Examination

### Semester 2

- Unit 3 Topic – Chemistry
- Unit 3 Assessment – Examination
- Unit 4 Topic – Global Systems
- Unit 4 Assessment - Examination

## YEAR 10 Science B

### Semester 1

- Unit 1 Topic - Biology
- Unit 1 Assessment – ERT & Examination
- Unit 2 Topic – Physics
- Unit 2 Assessment – Examination

### Semester 2

- Unit 3 Topic – Chemistry
- Unit 3 Assessment – Examination
- Unit 4 Topic – Psychology & Senior Preparation
- Unit 4 Assessment - Examination

# The Arts Department

## INTRODUCTION

The Arts is a learning area that draws together related but distinct art forms. While these art forms have close relationships and are often used in interrelated ways, each involves different approaches to arts practices and critical and creative thinking that reflect distinct bodies of knowledge, understanding and skills. The curriculum examines past, current and emerging arts practices in each art form across a range of cultures and places.

## Year 8 Drama

### Semester 1

- Unit 1 – character development based on a theme/situation
- Assessment – Performance (group)
- Unit 2 - Developing a script

### Semester 2

- Unit 1-Transforming a scene changing the dramatic style
- Assessment - (individually written)
- Unit 2 - Published script development, stage make-up and props
- Assessment – Performance (group)

## Year 9 Drama

### Semester 1

- Unit 1 - Character and Script development
- Assessment - Performance (group)
- Unit 2 - Journaling exploration of elements of drama through Process Drama
- Assessment – Performance; Examination (script analysis)

### Semester 2

- Unit 3 – Create and Perform - Script writing using photographic stimulus and/or theme
- Assessment – Performance; Examination

## Year 10 Drama

### Semester 1

- Unit 1 – World Theatre
- Assessment - Pair/small group Performance
- Unit 2 - Scriptwriting in the form of a performance monologue
- Assessment - Examination

### Semester 2

- Unit 3 – Theatre in Education
- Assessment - Public performance designed for students of primary age

## Year 8 Music

### Semester 1

- Unit 1 – Junk Percussion
- Assessment – group performance
- Unit 2 – Garage Band
- Assessment – Composition (group)+Journaling

### Semester 2

- Unit 1 –Rhythms in traditional Australian songs
- Assessment – Composition (group)
- Unit 2 – Rhythms
- Assessment – Performance (group)

## Year 9 Music

### Semester 1

- Unit 1 – Rock and Roll –
- Composition/Performance
- Assessment – Examination - Musicology

### Semester 2

- Unit 2 – Popular Music
- Assessment - Group performance; Examination - Musicology

## Year 10 Music

### Semester 1

- Unit 1 – Jazz and The Blues
- Assessment - Group performance; Examination – Musicology

### Semester 2

- Unit 2 - Film / Stage Music, Act, Comedy, Tragedy, Romance
- Assessment - Individual Performance; Composition - Create with your own sound effects

## Year 8 Visual Art

### Semester 1

- Unit 1 – 2 D media
- Assessment – experiential folio autobiographical artwork/s and self-portraiture
- Unit 2 – Print making
- Assessment – reduction lino print

### Semester 2

- Unit 1 – Ceramics (3D)
- Assessment Folio of clay work and ceramics exam (individual)
- Unit 2 – Stop motion animation
- Assessment; short film (Group)

## Year 9 Visual Art

### Semester 1

- Unit 1 - Printmaking, Mixed Media, Ceramics
- Assessment - Design folio; Written exam – art analysis

### Semester 2

- Unit 2 - Stop motion animation
- Assessment – Design folio; Written Exam – art analysis

## Year 10 Visual Art 2D and 3 D Media

### Semester 1

- Unit 1 – 2D Media - Print Making, Drawing Collage, Mixed Media
- Assessment - Folio of Artwork; Examination – Art Analysis

### Semester 2

- Unit 2 – 3D Sculpture Animation
- Assessment - Individual ceramic artwork; Group sculpture; Multi modal presentation

## Year 10 Visual Art DVD Film Making

### Semester 1

- Unit 1 – DIY instructive video
- Assessment – Video product; Journal

### Semester 2

- Unit 3 - Documentary
- Assessment - Group production of a documentary; Journal (continuation from first assessment task)

# Business and Information Technology

## INTRODUCTION

### Economics and Business

Economics and Business empowers students to shape their social and economic futures and to contribute to the development of prosperous, sustainable and equitable Australian and global economies. The study of economics and business develops the knowledge, understanding and skills that will equip students to secure their financial futures and to participate in and contribute to the wellbeing and sustainability of the economy, the environment and society. Through studying economics and business, students learn to make informed decisions and to appreciate the interdependence of decisions made within economic systems, including the effects of these decisions on consumers, businesses, governments and other economies, and on environmental and social systems. Economics and business provides students with opportunities to develop enterprising behaviours and capabilities that will equip them to face challenges in their lifetime.

## INTRODUCTION

### Digital Technologies

Technologies enrich and influence the lives of people and societies globally. Australia needs enterprising individuals who can make discerning decisions about the development and use of technologies and who can independently and collaboratively develop solutions to complex challenges and contribute to sustainable patterns of living. Technologies can play an important role in transforming, restoring and sustaining societies and natural, managed and constructed environments. Digital Technologies focuses on the use of computation thinking and information systems to define, develop and implement digital solutions to real world problems.

## Year 8 Economics and Business

### Semester 1

- Unit 1: Business Functions and Entrepreneurial Behaviour
- Unit 1 Assessment: Feasibility Study
- Unit 2: Economic systems and Business Finance
- Unit 2 Assessment: Semester examination

### Semester 2

- Unit 3: Consumerism and Personal Finance
- Unit 3 Assessment: Investigative Report
- Unit 4: Changes in the workplace and Motivational Theory
- Unit 4 Assessment: Semester examination

## Year 8 Digital Technologies

### Semester 1

- Unit 1: Algorithm design
- Unit 1 Assessment: Project
- Unit 2: Structured Programming (Web languages)
- Unit 2 Assessment: Semester examination



## **Semester 2**

- Unit 3:Artificial Intelligence (Internet of Things)
- Unit 3 Assessment: Assignment
- Unit 4: System design and security
- Unit 4 Assessment: Semester examination

## **Year 9 Economics and Business**

### **Semester 1**

- Unit 1: Financial risks and rewards for individuals
- Unit 1 Assessment: Assignment
- Unit 2: Economics and the global market
- Unit 2 Assessment: Semester examination

### **Semester 2**

- Unit 3:Marketing, retail and customer service
- Unit 3 Assessment: Assignment
- Unit 4: Competition, global business and accounting
- Unit 4 Assessment: Semester examination

## **Year 9 Digital Technologies**

### **Semester 1**

- Unit 1: Algorithm design and robotics
- Unit 1 Assessment: Project
- Unit 2: Structured Programming
- Unit 2 Assessment: Semester examination

### **Semester 2**

- Unit 3:Working with Data
- Unit 3 Assessment: Project
- Unit 4: Data management and security
- Unit 4 Assessment: Semester examination

## **Year 10 Economics and Business**

### **Semester 1**

- Unit 1: Business in Australia
- Unit 1 Assessment: Feasibility report
- Unit 2: Financial Management
- Unit 2 Assessment: Semester examination

### **Semester 2**

- Unit 3: Entrepreneurship
- Unit 3 Assessment: Research report
- Unit 4: International Markets
- Unit 4 Assessment: Semester examination

## Year 10 Digital Technologies

### Semester 1

- Unit 1: Object Orientated Programming
- Unit 1 Assessment: Project
- Unit 2: Advanced Programming and Data Encryption
- Unit 2 Assessment: Semester examination

### Semester 2

- Unit 3: Data management
- Unit 3 Assessment: Project
- Unit 4: Database driven web applications
- Unit 4 Assessment: Semester examination

# Food & Textile Technology

## INTRODUCTION

### Rationale:

**Hospitality** – the hospitality industry has become increasingly important economically in Australian society and is one of the largest employers in the country. It specialises in delivering products and services to customers, and it consists of different sectors, including food and beverage, accommodation, clubs and gaming. Hospitality offers a range of exciting and challenging long-term career opportunities across a range of businesses. Hospitality enables students to develop knowledge, understanding and skills of the hospitality industry that are transferable across sectors and geographic borders and can lead to a range of post school options.

**Food and Nutrition** – is the study of food in the context of nutrition, food science and food technology. This knowledge is fundamental for continued development of a safe and sustainable food system that can produce high-quality, nutritious food products for the future. A course of study in Food & Nutrition can establish a basis for further education and employment in the fields of food, nutrition and design. Undertaking Food & Nutrition units supports further study in tertiary programs such as food technology, dietetics and health.

**Fashion** – is an integral part of everyday life, with individuals making choices about what clothing and accessories to wear. Through undertaking this unit students will be challenged to use their imagination to create, innovate and express themselves and their ideas, and to design and produce design solutions in a range of fashion contexts. It is a dynamic industry that supports a wide variety of vocations, including fashion design, fashion technology, fashion merchandising and fashion sales.

## Year 8 Hospitality

### Semester 1

- Unit name/s – Let's Cook
- Assessment – Individual Practical Cooking Challenge and Written Exam – Short Response

### Semester 2

- Unit name/s – Let's Celebrate Food
- Assessment - Practical Cooking Project & Journal

## Year 8 Fashion

### Semester 1

- Unit name/s – Let's Create
- Assessment - Textiles Project & Journal

### Semester 2

- Unit name/s - Upcycle & Remake
- Assessment – Textiles Project & Journal

## Year 9 Hospitality

### Semester 1

- Unit name/s – A Taste of Asia & Methods of Cooking
- Assessment - Practical Cooking & Journal and Written Exam - Short Response

## **Semester 2**

- Unit name/s – Cake Decoration & Café Culture
- Assessment - Practical Cooking & Journal and Written Exam – Short Response

## **Year 9 Food & Nutrition**

### **Semester 1**

- Unit name/s – Introduction to Nutrition
- Assessment - Practical Cooking & Journal and Written Exam – Short Response

### **Semester 2**

- Unit name/s – Introduction to Food Science
- Assessment - Practical Cooking & Journal and Written Exam – Short Response

## **Year 9 Fashion**

### **Semester 1**

- Unit name/s – Introduction to Fashion Design
- Assessment - Textiles Project & Journal

### **Semester 2**

- Unit name/s – Fashion Culture
- Assessment - Textiles Project & Journal

## **Year 10 Hospitality**

### **Semester 1**

- Unit name/s - Introduction to Hospitality & Methods of Cookery
- Assessment - Individual Practical Cooking Challenge and Written Exam – Short Response

### **Semester 2**

- Unit name/s - Event Planning & Food Presentation
- Assessment - Event & Journal and Magazine Article

## **Year 10 Food & Nutrition**

### **Semester 1 – Food & Nutrition**

- Unit name/s – Food Availability & Selection
- Assessment – Individual Practical Cooking Task and Written Exam - Short Response

### **Semester 2**

- Unit name/s – The Australian Food Industry
- Assessment - Practical Cooking Project & Journal and Written Exam - Short Response

## **Year 10 Fashion**

### **Semester 1**

- Unit name/s – The Fashion Industry
- Assessment - Textiles Project & Journal

### **Semester 2 – Fashion**

- Unit name/s - Fashion Design & Visual Literacy
- Assessment - Textiles Project & Journal

# Industrial Technology & Design

## INTRODUCTION

The Industrial Technology & Design Department offers a range of relevant subjects for Years 8, 9 & 10 students. They are suited to students with a keen interest in graphics, workshop based activity, the design process, and trade type occupations. The opportunity to develop the basic skills and knowledge for further studies and employment in the fields of construction trades, engineering trades, product design and drafting is available. Year 8 & 9 subjects and Year 10 Design use a 'design problem solving approach', and encourage students to develop individual solutions to a range of practical problems and issues. Year 10 subjects focus on skill development and manufacturing processes.

## Year 8 Industrial Technology & Design

- Unit 1 – Engineering Principles & The Design Process
- Unit 2 – Drawing Systems & Sketching
- Unit 3 – Project Management & Production
- Unit 4 – CAD (computer aided drawing)
- Unit 5 – The Design Process, 3D Printer & CNC Router
- Assessment – Drawing Folio, 2 Design Folios and Product.

## Year 9 Industrial Technology & Design

### Semester 1

- Unit 1 – Graphical communication and sketching
- Unit 2 – Workplace safety
- Unit 3 – Design Exercise 1 – Carry-all
- Assessment – Project Design Folio and Product;

### Semester 2

- Unit 1 – Workplace Safety
- Unit 2 – Design Exercise 2 – Serving Board
- Unit 3 – Design Exercise 2 – Model Crane
- Assessment – Project Design Folio and Product – Serving Board;  
Project Design Folio and Product – Model Crane;

## Year 9 Graphics & Design

### Semester 1

- Unit 1 – Graphical communication, The Design Process, Sketching, Inventor CAD and 3D Printing
- Unit 2 – Design Exercise 1 – Graphics Block Model
- Unit 3 – Design Exercise 2 – Key Tag
- Assessment – Project Design Folio and Prototype – Graphics Block Model;  
Project Design Folio and Prototype – Key Tag

## Semester 2

- Unit 1 – Graphical communication, The Design Process, Sketching, Revit and AutoCAD programs
- Unit 2 – Design Exercise 3 – Building Renovation
- Unit 3 – Design Exercise 4 – Packaging
- Assessment – Project Design Folio – Building Renovation  
Project Design Folio and Prototype – Packaging

## Year 10 Furnishing Skills

- Unit 1 – Workplace Health & Safety
- Unit 2 – Work Stool and the CNC Router
- Unit 3 – Dart Board Cabinet
- Unit 4 – Tool Carry-all
- Assessment – 2 Project Folios and Product, Practical Demonstration, Exam
- Machining Exercise – Roll Holder (wood lathe)

## Year 10 Engineering Skills

- Unit 1 – Workplace Health & Safety
- Unit 2 – Tool Box
- Unit 3 – Shelf & Brackets
- Unit 4 – Single Door Tool Cabinet
- Assessment – 2 Project Folios and Product, Practical Demonstration, Exam
- Machining Exercise – Paperweight Dice (mill & metal lathe)

## Year 10 Industrial Graphics

- Unit 1 – Industry Practices
- Unit 2 – Freehand sketching
- Unit 3 – CAD Engineering Products
- Unit 4 – CAD Furnishing Products
- Assessment – 2 Projects (Folio), Practical Demonstration, Exam

## Year 10 Design

- Unit 1 – Developing ideas for design
- Unit 2 – Exploring needs, wants and opportunities
- Unit 3 – Applying the Design Process
- Unit 4 – Redesigning for enhancement
- Assessment – 2 Exams (Design Challenge), 2 Projects (Folio)

# Japanese

## INTRODUCTION

Japan is the second largest economy in the world and is considered the gateway to numerous business and employment opportunities, especially in science, robotics, ecology and manufacturing industries. People who can speak another language have broader career prospects and gain an insider view into that community's culture. They can also consider their own culture from a different perspective. Learning a language such as Japanese provides students with the opportunity to appreciate the beauty of their native language, broaden their vocabulary and expression, and develop important critical and creative thinking skills.

## Year 8 Japanese

### Semester 1

- Unit 1 Topic: Life in Japan
- Unit 1 Assessment: Examination
- Unit 2 Topic: Having fun in Japan
- Unit 2 Assessment: Assignment

### Semester 2

- Unit 3 Topic: Tasting Japan
- Unit 3 Assessment: Examination
- Unit 4 Topic: Seeing Japan
- Unit 4 Assessment: Assignment

## Year 9 Japanese

### Semester 1

- Unit 1 Topic: Pop Culture
- Unit 1 Assessment: Assignment
- Unit 2 Topic: Cuisine
- Unit 2 Assessment: Examination

### Semester 2

- Unit 3 Topic: Sports
- Unit 3 Assessment: Assignment
- Unit 4 Topic: Weather
- Unit 4 Assessment: Examination

N.B: Students who wish to study Japanese in Year 10 must choose Year 9 Japanese.

## Year 10 Japanese

### Semester 1

- Unit 1 Topic: Lost in Japan
- Unit 1 Assessment: Examination
- Unit 2 Topic: Experiencing Japan
- Unit 2 Assessment: Assignment

### Semester 2

- Unit 3 Topic: My Japanese neighbours
- Unit 3 Assessment: Examination
- Unit 4 Topic: Do and Don't in Japan
- Unit 4 Assessment: Assignment

N.B: Year 10 Japanese is a prerequisite for Year 11 and 12 Japanese.



# Health & Physical Education

## INTRODUCTION

Physical Education is designed to support students to refine and apply strategies for maintaining a positive outlook and evaluating behavioural expectations in different leisure, social, movement and online situations. Students learn to critically analyse and apply health and physical activity information to devise and implement personalised plans for maintaining healthy and active habits.

Engagement in physical activities is a major emphasis in this subject and as such, 50% of class time is devoted to participation in physical activity. Participation in **every** practical lesson is expected.

Students learn to apply more specialised movement skills and complex movement strategies and concepts in different movement environments. They also explore movement concepts and strategies to evaluate and refine their own and others' movement performances. Students analyse how participation in physical activity and sport influence an individual's identities, and explore the role participation plays in shaping cultures. The subject also provides opportunities for students to refine and consolidate personal and social skills in demonstrating leadership, teamwork and collaboration in a range of physical activities.

## Year 8 Physical Education

### Semester 1

- Unit 1 – Drug Education, Trampoline/Athletics
- Unit 2 – Mindfulness, Touch and Netball
- Assessment – Drug Education Multimodal and Mindfulness Examination

### Semester 2

- Unit 1 – Risk Taking, Harm minimisation, Australian Rules and Soccer
- Unit 2 – Road Safety, Water Safety and Aquathlon
- Assessment – Risk Taking Multimodal; Road Safety Multimodal

## Year 9 Physical Education

### Semester 1

- Unit 1 - Mental Health and Resilience, Lifesaving
- Unit 2 - Alcohol and other Drugs Basketball, Volleyball
- Assessment - Collection of work; Examination

### Semester 2

- Unit 1 – Introduction to Outdoor Education, Orienteering and Archery
- Unit 2 – Nutrition and Health, Food and the environment, Fitness
- Assessment - Examination; Nutrition Investigation - Report

## **Year 10 Physical Education**

### **Semester 1**

- Unit 1 – Sports Psychology, Volleyball
- Unit 2 – Energy Systems, Touch Football
- Assessment – Sports Psychology Examination; Energy Systems Project Folio

### **Semester 2**

- Unit 1 – Motor Learning and Biomechanics, Tennis
- Unit 2 – Coaching, Ethics and Integrity, Aquathlon
- Assessment – Biomechanics Project Folio; Ethics and integrity investigation - Report

# Appendix A:

## Stationery/Equipment/Protective Clothing Requirements for Year 8, Year 9 and 10

### General Requirements

Earphones (earbud style)	Pencil case
A4 notebook for each subject	2 x blue pens, 2 x black pens
Correcting tape	1 x red pen
USB memory stick	2 x 2B pencils
Glue stick	Eraser
Highlighter pen	Pencil sharpener
Ruler	Calculator TI30XB
Coloured pencils	Calculator for <b>Year 10 Maths Methods and Specialist Maths</b> - TI-Nspire CX <b>NON CAS</b>

### Subject Specific Requirements

**Hospitality** – Display folder

**Food Nutrition and Fashion** - Basic sewing equipment, Display folder

#### Physical Education

TCC Sports shirt, TCC sports shorts, TCC cap and TCC socks.

Footwear for physical activity with adequate grip on bottom of shoes.

Swimming units:

Girls – one-piece swimming togs (TCC sports shorts optional)

Boys – TCC sports shorts or TCC football shorts, sun-safe shirt (e.g. Rashie) recommended.

**ITD** – Display folder, clear safety glasses, blue cotton apron

**Japanese** – Display folder