



SCOTCH  
COLLEGE  
ADELAIDE



### *Core subjects:*

English  
Humanities  
Mathematics  
Physical Education and Health

Science  
Wellbeing  
9@Scotch

### *Elective subjects:*

*Students select four elective subjects:*

Agriculture  
Art and Design  
Chinese  
Cross-Curriculum Studies (CCS)  
Dance  
Design, Technology and Engineering  
Digital Technology – Game Design  
Drama

English as an Additional Language  
Film Making  
Food Technology  
French  
Music  
Photography  
Science and Technology  
Textiles

# Agriculture

**Learning Area:** Science

**Course Length:** One Semester

## **Content:**

This course includes animal care and management, vegetable production, environmental studies and sustainable practices in agriculture. Students will develop practical and problem-solving skills in the course topics to explore and understand agricultural science. Students will be using the livestock and plant crops on the Scotch Farm.

## **Selected from a range of course topics:**

- Plant enterprises (grain crops)
- Animal enterprises (sheep and lambs)
- Animal ethics
- Food security
- Farm planning

The students will develop their own leased vegetable plot, which they manage and eventually sell their produce. Students will be involved in the management of the sheep and lambs and the business of animal production.

The Scotch Farm, polyhouse, orchard and vineyard provide a fruitful environment in which students will actively work with farm animals and crops. Scientific recording in a range of animal and plant trials is an integral part of the field activities undertaken.

## **Assessment:**

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum.

# Art and Design

**Learning Area:** The Arts

**Course Length:** One Semester

## **Content:**

This course offers students opportunities to investigate a wide range of Visual Art and Design mediums and techniques, in line with the Australian Curriculum content descriptors.

This course offers art and design students creative opportunities to develop, expand and refine their knowledge and skills as practising artists and designers in their own right.

They will record and share their personal aesthetic as artists, designers and avant-garde thinkers through a range of scaffolded studio and out of class activities. Students are provided with skilled teacher demonstrations and individual in class mentoring, tailored to each student. Students will develop and refine their expressive and analytical vocabulary and engage in creative problem solving and innovative thinking.

Art topics are theme inspired and include approaches to making with drawing, painting, printmaking, mixed media and sculptural techniques. Technology is integrated into the examination of traditional and contemporary processes.

Design topics include communication design, environmental design and industrial design using industry standard programs and methods. Art and design activities within this course connect with local, regional and international artists and designers, providing students with contemporary and meaningful learning opportunities and connections.

## **This subject aims to:**

- Develop and refine each students' personal aesthetic as artists, designers and innovators
- Develop and refine students' knowledge and skills in a variety of art and design mediums and techniques
- Expose students to a wide range of styles, art and design movements and artists/designers
- Develop a clear understanding of the need for safe work practices in the Art room
- Encourage a positive attitude when working as an individual or when collaborating with their peers on an artwork



Students will be given the opportunity to acquire the following knowledge and skills:

- Initiative in seeking out information, exploring and refining art and design skills
- Knowledge and understanding of traditional and contemporary art and design practices
- Skills developed through experimentation and practice and self-exploration
- The ability to discuss, understand, interpret, evaluate and respond to works of traditional and contemporary art practice

### **Assessment:**

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum.

## **Chinese**

**Learning Area:** Languages

**Course Length:** One Year

### **Subject Prerequisites:**

Satisfactory completion of Year 8 Chinese.

### **Content:**

This course uses the Australian Languages Curriculum; the strands being Communicating and Understanding. The course is designed to enable students to comprehend written and spoken texts in Chinese, and to develop skills in writing Chinese accurately.

Fluency in conversing in Chinese is emphasised with extensive opportunities being provided for oral practice using drills, role-plays and dialogues.

### **Assessment:**

Formative and summative assessment, including vocabulary and skills in speaking, listening, reading, writing, conversation and formal grammar.

## **Cross-Curriculum Studies (CCS)**

To be chosen only after consultation with the Learning Strategies Coordinator.

**Course Length:** One Year

### **Content:**

The aim of the Cross-Curriculum Studies course is to provide students with identified learning needs time to consolidate their learning from all curriculum areas. Additionally, they will receive support to independently work on their literacy, numeracy and executive functioning skills.

Students are expected to be proactive with using time management and organisational techniques explicitly taught in prior Cross-Curricular Classes. Students additionally have time to complete homework and assignments with the scaffolding of assignments.

### **Assessment:**

There is no formal assessment. However, students do receive an effort rating based on their use of class time and approach to learning.



# Dance

**Learning Area:** The Arts

**Course Length:** One Year

**Subject Prerequisites:**

Previous experience and prior tuition in Dance is desirable.

**Course Requirements:**

Each student is required to take part in at least one Dance@Scotch class during our after-school schedule. Students can choose from Contemporary, Ballet or Jazz.

**Content:**

Students are involved in making and responding to dance. Students learn how to create their own movement individually and in small groups. During the year, students will watch dance as a live performance and learn how to write about what they see. Students study dance techniques in practical classes after school. These practical classes are vertically grouped according to ability. Students are assessed on their performance twice throughout the year.

**Assessment:**

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum.

# Design, Technology and Engineering

**Learning Area:** Technologies

**Course Length:** One Semester

**Content:**

Students use the design and realisation process to develop a unique solution to a design brief presented. The students are provided with a flexible brief that enables creativity, innovation and problem solving. Students design their projects through the using of sketches and computer aided design (CAD) programs to develop and create 3D models and engineering drawings that can be used to better understand and communicate their ideas. Students are encouraged to use different techniques and materials including timber, metal, acrylic and anything else applicable, to solve these problems and are encouraged to test the limits of what has been achieved previously. The following criteria are used for assessment: Investigating, Planning, Producing and Evaluating.

The course is broken into two categories Theory and Practical. The Theory assessment type deals with the development of understanding through reflection on and the evaluation of, Design, Technology & Engineering processes. Students acquire knowledge about the design process and develop their ability to describe and evaluate such knowledge in an ongoing portfolio format.

The practical assessment type deals with the exploration, generation and development of ideas, skills and techniques in a practical environment. Each student develops, through experimentation, risk-taking and trialling, the ability to create and present a new product by reworking and transforming existing ideas.

**Assessment:**

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum – Digital and Design Technologies.

# Digital Technology – Game Design

**Learning Area:** Technologies

**Course Length:** One Semester

## **Content:**

This course aims to develop student knowledge and skills in the creation of digital solutions with a focus on digital game design. Through the framework of computational thinking, students will learn the principles of object-oriented programming to define, generate, implement and evaluate their own software for digital systems. Students will analyse game design elements and manage projects using an interactive and collaborative approach, identifying risks and considering safety and sustainability. This course has a focus on learning the fundamental skills and techniques of a general-purpose programming language.

## **Topics covered include:**

- Problem-solving with computational thinking
- Effective user interface design
- 3D graphics
- Game physics
- Working with an integrated development environment
- Programming in C#
- Algorithm design
- End-user testing and distribution

## **Assessment:**

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum – Digital and Design Technologies.

# Drama

**Learning Area:** The Arts

**Course Length:** One or Two Semesters

## **Content:**

The course involves performing live plays and performances, learning about the techniques of live and filmed theatre and solving problems in groups. Students may act or take on backstage roles.

Students may undertake one or two semesters of Drama. The semesters do not cover the same topics and units of work on:

- Elements of improvisation
- Voice and text analysis
- Performance assignment linked to studies, such as soap operas, modern comedies, children's theatre and tragedies
- Performance analysis/review writing
- Production – live performance.

## **Assessment:**

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum.



# English

**Learning Area:** English

**Course Length:** One Year

## **Content:**

As part of the Australian Curriculum, students engage with a variety of texts. Students develop a critical understanding of contemporary media and the differences between media texts. Informative texts represent a synthesis of technical and abstract information (from credible/verifiable sources) about a wide range of specialised topics. Students create a range of imaginative, informative and persuasive types of texts, including narratives, procedures, performances, reports, discussions, literary analyses, transformations of texts and reviews.

By the end of Year 9, students listen to, read and view a range of spoken, written and multimodal texts. Students recognise how events, situations and people can be represented from different perspectives, and identify stated and implied meaning in texts. They draw conclusions about characters, events and key ideas, justifying these with selective use of textual evidence. They interpret and critically evaluate the use of visual and non-verbal forms of language used to establish relationships with different audiences. They identify and explain how text structures and language features of texts, including literary techniques, are designed to appeal to audiences.

Students create engaging representations of people, places, events and concepts in coherent and well-structured written, spoken and multimodal texts for specified purposes. They use a variety of strategies to participate effectively in conversations, discussions and debates, to ask questions to clarify meaning, and to express their own ideas and viewpoints. They collaborate and negotiate with others to solve problems, and to deliver planned, multimodal presentations.

Students prepare for the Year 9 NAPLAN test through revision of their reading, writing, spelling, punctuation and grammar skills.

## **Assessment:**

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum, including written assignments and oral presentations.

# English as an Additional Language (EAL)

**Learning Area:** English

**Course Length:** One Year

## **Content:**

Oral, aural and written English are the basis of this course. There is continuous focus on grammatical accuracy and extension of vocabulary. There are listening and written comprehensions, exercises on letter writing, creative writing and both formal and informal oral presentations.

## **Assessment:**

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum, including written assignments and oral presentations.

# Film Making

**Learning Area:** The Arts

**Course Length:** One Semester

## **Content:**

The course aims to develop essential skills and knowledge relating to the use of a range of digital cameras and other digital technologies, and then apply these within a context of the creative arts. Particular areas of focus include producing a range of short films, learning about camera techniques, the use of green screens and editing with industry-standard software.

Students will investigate how other filmmakers create, present and communicate ideas and respond to these in a series of short film explorations. They will develop their own practical film-making skills and then apply these to create short media presentations working in groups, collaborating with other year levels and also as individuals.

## **Assessment:**

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum.

# Food Technology

**Learning Area:** Technologies

**Course Length:** One Semester

## **Content:**

This course aims to develop the students' range of food preparation skills and nutritional knowledge.

Through the use of the design cycle, students use their knowledge and understanding of nutrition to investigate, design, plan, create and evaluate the 'Food of Today' and how an adolescent's health can be influenced by the wider society they engage within. Food Technology and its role in food production and distribution in the 21st Century is also investigated.

## **Topics covered include:**

- Adolescent eating patterns and dietary requirements
- Food technology – tips and tricks of a blow torch, Thermomix, waffle maker and more
- Food- and diet-related diseases and disorders
- Sustainable/local food production and consumption
- Recipe modification and adaptation
- Snacking – fat, salt, sugar and fibre
- Re-creation of a SA food icon – Balfours FrogCake
- Breakfast, lunch and brunch for everyday and café style eating
- Scotch LiveWell – Egg Ethics!

## **Assessment:**

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum, including written and practical assignments.

# French

**Learning Area:** Languages

**Course Length:** One Year

## **Subject Prerequisites:**

Satisfactory completion of Year 8 French.

## **Content:**

This course uses the Australian Languages Curriculum; the strands being Communicating and Understanding. We have provision for students with prior proficiency in French owing to native or background speaking experience, extended in-country experience, or documented commitment to enrichment in the primary years.

The course is designed to enable students to comprehend written and spoken texts in French, and to develop skills in writing French accurately.

Fluency in conversing is emphasised and extensive opportunities are provided for oral practice using role-plays and dialogues.

Students will access a range of purpose-developed resources such as textbooks, video clips and online articles which are increasingly of their own choice, to create their own spoken, written and multimodal texts.

## **Assessment:**

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum, including vocabulary and skills in speaking, listening, reading, writing and formal grammar.



# Humanities

**Learning Area:** Humanities and Social Sciences

**Course Length:** One Year

## **Content:**

Students study both subject disciplines of Geography and History, with units being interlaced to provide a more meaningful and engaging exploration. Units of Civics and Citizenship and Economics and Business are also integrated into the course throughout the year.

## **Geography:**

The course has two themes, which determine course content. Biomes and Food Security, explores the interaction of human need for food with the restraints and opportunities provided by diverse environments. Starting with Australia and then building to a global perspective, the unit encompasses agricultural innovation and moves to achieve a sustainable food supply for an overcrowded planet. Geographies of Interconnections, is a fascinating exploration of the way travel, trade, technology, and tourism have formed bonds (and zones of exclusion) between nations

## **History:**

This course investigates increasing interaction within our modern world and explores the way cultures have been influenced by internal and external factors that drove momentous and long-lasting change. It starts with the Industrial Revolution and the movement of peoples (1750-1900) and the notion that it was the most important event in the last three thousand years of human history. The course explores the Making and transforming of the Australian Nation through the key social, cultural, economic, and political changes and their significance in the development of Australian society during the period. Students explore Asia and the world through a case study on Japan to understand how rapid industrialisation occurred, after contact with the wider world and how it was forced by Western powers. The course concludes with the first truly global conflict, the Great War, and has a particular focus on how Australia was brought into a world war.

## **Assessment:**

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum, including written assignments, multimodal presentations, and group work, which reflect research and understanding. A focus upon the integration of digital technologies to provide valid evidence through research.

# Mathematics

**Learning Area:** Mathematics

**Course Length:** One Year

## **Content:**

Mathematics provides students with essential mathematical knowledge, skills, procedures and processes within six interrelated strands - number, algebra, measurement, space, statistics and probability. It develops the numeracy capabilities that all students need in their personal, work and civic lives, and provides the fundamentals on which mathematical specialties and professional applications of mathematics are built. The curriculum provides students with learning opportunities to develop mathematical proficiency, including a sound understanding of and fluency with the concepts, skills, procedures and processes needed to interpret contexts, choose ways to approach situations using mathematics, and to reason and solve problems arising from these situations. Numeracy development is core to the mathematics curriculum and, in addition, the general capabilities of most relevance and application to mathematics are Critical and Creative Thinking, Digital Literacy and Ethical Understanding. In Year 9, learning in Mathematics builds on each student's prior learning and experiences. Students engage in a range of approaches to learning and doing mathematics that develop their understanding of and fluency with concepts, procedures and processes by making connections, reasoning, problem-solving and practice. Proficiency in mathematics enables students to respond to familiar and unfamiliar situations by employing mathematical strategies to make informed decisions and solve problems efficiently.

Set 1: Classes follow the mainstream course and cover topics in greater depth.

Set 2: Classes consolidate concepts of the mainstream course.

## **Topics at Year 9 include:**

Indices, measurement, linear equations and inequalities, congruent and similar triangles and proofs, Pythagoras' theorem and trigonometry, probability, algebraic techniques, financial mathematics, linear relations, coordinate geometry, quadratic graphs (introduction).

## **Assessment**

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum, including skills and applications tasks and mathematical investigations. Students prepare for the Year 9 NAPLAN test through revision of their numeracy skills, with reference to the minimum standards as described on the NAPLAN website.



# Music

**Learning Area:** The Arts

**Course Length:** One or Two Semesters

## **Subject Prerequisites:**

Satisfactory completion of Year 8 Music, 12 months instrumental experience or by negotiation with the Co-ordinator of Music.

## **Content:**

This course focuses upon students as active music makers. Students will rehearse and perform as soloists and ensemble members with the aim of refining technical and expressive skills on instruments and/or voice. Students will explore and analyse inspirational music and artists and apply concepts to their own work. Students will compose their own music through song writing, notation and music technology activities.

All students are expected to play one or more instruments as part of the practical rehearsal and performance aspects of the course. It is highly recommended students studying elective music also participate in private instrumental tuition lessons.

## **Assessment:**

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum, including;

- Solo and ensemble performances
- Musicianship (aural and theory)
- Listening/score analysis
- Composition
- Music technology

# Photography

**Learning Area:** The Arts

**Course Length:** One Semester

## **Content:**

This course offers students creative opportunities to develop, expand and polish their knowledge and skills as practising photographers in their own right. They will record and share their personal aesthetic as artists, designers and avant-garde thinkers through a range of scaffolded studio and out of class activities. Students are provided with skilled teacher demonstrations and individual in class mentoring, tailored to each student. Students will develop and refine their expressive and analytical vocabulary and engage in creative problem solving and innovative thinking. Photography is explored as an art form and as part of a designer's creative process. Themes are inspired by studio and natural lighting opportunities.

Students explore photographic composition and operation with the use of traditional photographic techniques, such as cyanotypes and 35mm Film, contrasted with digital SLR cameras. Editing is taught in line with current industry standards with the use of the Adobe suite, with a focus on Photoshop.

## **This subject aims to:**

- Develop and refine each students' personal aesthetic as artists, designers and innovators
- Develop and refine students' knowledge and skills in a variety of approaches to digital photography
- Expose students to relevant styles, art and design movements and key photographers

Students will be given the opportunity to acquire the following knowledge and skills:

- Initiative in seeking out information, exploring and refining art and design skills
- Knowledge and understanding of traditional and contemporary art and design practice
- Skills developed through experimentation and practice and self-exploration
- The ability to discuss, understand, interpret, evaluate and respond to works of traditional and contemporary art practice.

## **Assessment:**

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum.



# Physical Education and Health

**Learning Area:** Health and Physical Education

**Course Length:** One Year

## Content:

This course aims to develop the knowledge, understanding, and skills to ensure students:

- Access, synthesise and evaluate information to take positive action to protect, enhance and advocate for their own and others' health, wellbeing, safety and physical activity across the lifespan
- Develop and use personal, interpersonal, behavioural, social and cognitive skills and strategies to promote a sense of personal identity, wellbeing and to build and maintain positive relationships
- Acquire, apply and evaluate movement skills, concepts and strategies to respond confidently, competently and creatively in a variety of physical activity contexts and settings
- Engage in and enjoy regular movement-based learning experiences, and understand and appreciate their significance to personal, social, cultural, environmental and health practices and outcomes
- Analyse how varied and changing personal and contextual factors shape understanding of, and opportunities for, health and physical activity locally, regionally and globally.

## Health Education:

Topics include:

- Alcohol and Drug Education.
- Relationships, Identity and Consent Education.
- Physical Fitness and Health.
- Mental Health

## Physical Education:

In addition to the core activities of swimming, athletics and cross country, other activities include field lacrosse, soccer, basketball, badminton, touch football and tennis.

## Assessment:

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum.

# Science

**Learning Area:** Science

**Course Length:** One Year

## Content:

The Australian Curriculum – Science contains the following content strands:

### Science Understanding:

- Body Systems and Negative Feedback
- Cells and Organs
- Carbon Cycle and Processes
- Wave and Particle Models
- Conservation of Energy
- Atoms and Radioactivity
- Chemical Reactions

### Science as a Human Endeavour:

- Nature and development of science
- Use and influence of science

### Science Inquiry Skills:

- Questioning and predicting, planning and evaluating
- Processing and analysing data and information
- Evaluating
- Communicating
- STEM task – project-based learning including solving a problem, engineering a solution and creating a working model.

## Assessment:

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum on practical design and implementation, research skills, group-work, knowledge and understanding, problem-solving and communication.

Types of assessment tasks include:

- Topic tests
- Practical investigations
- Research investigations.

# Science and Technology

**Learning Area:** Science and Mathematics

**Course Length:** One Semester

**Subject Prerequisites:**

Students who choose this subject will need to have A or B grades in Science at Year 8.

**Content:**

Science and Technology is a STEM-based subject to prepare students for further study in the fields of science, technology, engineering and mathematics (STEM). In addition to subject-specific learning, the aim is to foster inquiring minds, logical reasoning and collaboration skills.

This interdisciplinary subject will cover topics such as:

- Criminalistics
- Immunology
- Electronics
- Using technology
- 3D modelling
- Robotics

Assessment includes project-based learning requiring problem-solving, engineering a solution and creating a working model.

There are two types of assessment tasks:

- Collaborative inquiry
- Inquiry folio work

**Assessment:**

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum – Science and Technologies.

Assessment tasks are all project based with a problem set, and students develop their own solutions in different formats, such as info graphics, investigations and projects.

# Textiles

**Learning Area:** Technologies

**Course Length:** One Semester

**Content:**

The purpose of this course is to develop design and sewing skills with a specific focus on fashion design. The Sewing Studio is equipped with a range of sewing machines and overlockers suitable for use with a variety of textiles used in garment construction.

Students will develop a basic understanding of the principles and processes of fashion design, including general sewing knowledge and practical and decorative sewing skills. They will develop skills in the design, presentation and construction of their ideas as they communicate through the Design Realisation process.

Complementing the practical process, students will produce a multimodal folio documenting their progress as they explore individual interests, build on their knowledge and skills in fashion design and garment construction.

**Topics covered include:**

- Fast fashion and the impact on the world around us
- Basic sewing machine, overlocker and hand-sewing techniques
- Tie-dyeing and block printing on fabric
- Short or skirt construction

**Assessment:**

Formative and summative assessment using the Achievement Standards as specified by the Australian Curriculum.



# Wellbeing

**Course Length:** One Year

## **Content:**

The Year 9 Wellbeing program is aimed at developing and supporting students social, psychological and academic fitness. One of the key focuses at Year 9 is to cultivate student agency and empowerment in the cohort.

The purposes of the dedicated wellbeing lessons with House peer groups and their Heads of House include:

- Strengthening student connection and sense of belonging within their House and House peer group
- Developing and strengthening relationships between students and their Head of House as a key wellbeing leader in the student's journey through Years 8 to 12
- Engaging students in understanding and developing key wellbeing concepts that are appropriate to their age and stage
- Respond pro actively and reactively to the Wellbeing opportunities and challenge faced by individual Year levels.

## **Assessment:**

There is no formal assessment. However, students do receive an effort rating based on their use of class time and support.

# 9@Scotch

**Course Length:** One Year

## **Content:**

Based around the Australian Curriculum, 9@Scotch allows students to explore each of the following topics:

- Critical and creative thinking
- Global awareness
- Personal and social capability and sustainability (including a residential experience)
- Social Entrepreneurship

A key component of this course is a residential experience that will see students live in small groups with a responsibility for a shared living environment. The Odyssey program is an eight-night experience which leads directly into an Outdoor Education expedition for an additional four nights.

Wellbeing is integral to the 9@Scotch program and will contribute to the final year of a students LiveWell journey. 9@Scotch is a twice-weekly, timetabled double lesson that students attend over the whole year.

## **Assessment:**

Formative-based assessment with a focus on 'real world' examples of demonstrating knowledge and understanding.



