Year 9 Curriculum
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- **Shared subjects for all Year 9 students, pages 12–24**
  - Essentials for Life (E4L)
  - Health and Physical Education
  - LOTE French or LOTE Chinese or Advanced LOTE Chinese
  - 9/10 EXTENSION ELECTIVE BLOCK
    - Robotics
    - Script It
    - NFL
    - Art Mural Project
    - Functional Fitness
    - Character Design
    - Hands-on Chem
    - Journalism

- **Subjects for SEAL students, pages 5–7**
  - English
  - Mathematics
  - Science
  - Humanities
  - 9/10 ARTS & TECHNOLOGY ELECTIVE BLOCK
    - Put Your Feet Up (Stools)
    - Café Skills
    - Printmaking
    - Thrillers – Media
    - What’s the Storage?
    - Architectural Design
    - Installation
    - 6 Ingredients, a Cooktop and Instagram
    - Horror on the Stage!
    - Photography

- **Subjects for French Binational students, pages 8–11**
  - French
  - English
  - Mathematics
  - Science
  - Humanities
  - Spanish
Year 9 students participate in the following:

- English page 3
- Mathematics page 3
- Science page 4
- Humanities page 4
Year 9 English

Course Content
Students learn to compare and evaluate texts through their study of the films, The Hunger Games and Tomorrow When the War Began. Persuasive devices are explored in their study of The Power of Advertising. Students have the opportunity to study two novels with a focus on exploring characterisation, themes, and the elements of essay and creative writing.

Assessment
- Tests
- Text essays
- Comparative essays
- Short stories
- Oral presentations
- Advertising analysis

Year 9 Mathematics

Course Content
Year 9 Mathematics students deepen their mathematical reasoning and problem solving skills in familiar areas and really focus on consolidating and ensuring that they are ready for the challenges to come. Students continue to develop their pattern and algebraic skills, refine their factorising skills and are introduced to quadratics. Financial skills are put into practice through real life situations and the Index Laws are explored further and applied in scientific notation. Students will also get their first taste of trigonometry.

Assessment
In Mathematics, teachers use a range of assessment types, including formal testing, extended research tasks and investigations, analysis and problem solving projects in conjunction with informal assessment.

Clubs
- Book Club
- Maths Tutoring Club
- Chess Club
- Homework Club
- Robotics Club

Excursions
- ACMI
- MAV Mathematics Games Day

Competitions
- Creative Writing
- Reading Challenges
- iCAS Maths Competition
Year 9 Science

Course Content
In this subject, students consolidate the development of their skills in Science inquiry. In Year 9 they explore atoms, elements and chemical reactions in Chemistry, energy transmission and the wave and particle model for light in Physics, and plate tectonics in Earth Sciences. In Biology they investigate the connections within and between living things in response systems in the body and ecosystems.

Assessment
Assessment of student learning occurs each term through a:
- Pre-test
- Post-test
- Science Practical Report

Weekly homework tasks are assessed online through Education Perfect or Compass

Clubs
- Robotics Club
- Girls Who Code

Excursions
- Physics Big Bang Show at Swinburne University

Competitions
- Moonbots Challenge
- Big Science Competition
- Education Perfect Science Championships
- Construction Competition
- Curious Minds (for young women)
- ConocoPhillips Science Experience
- EWB Innovation Challenge
- Re-Engineering Australia Formula 1 Technology Challenge

Year 9 Humanities

Course Content
Students explore the significant events of Australian History. They analyse the causes and consequences of WWI and develop a persuasive essay of its contribution to the Australian identity. In Geography, students learn about food security and develop their own proposal to solve world hunger. In Economics, they develop financial management skills and debate the effectiveness of the Victorian court system.

Assessment
- Source analysis
- Research report
- Persuasive essay
- Opinion piece
- Proposal
- Mapping tasks
- Debate

Clubs
- Young Historians

Excursions
- Melbourne Museum
- Shrine of Remembrance
- Old Melbourne Gaol

Competitions
- Australian Geography Competition
- The Simpson Prize
- The Australian Share Market Game
- National History Challenge
- Spirit of Anzac Prize
Year 9 SEAL students participate in the following:

- English page 6
- Mathematics page 6
- Science page 7
- Humanities page 7
Year 9 SEAL English

Course Content
Students will begin the year studying *The Book Thief* and a range of war poetry. They will study closely the context theme of reality, discussing how the theme is portrayed in the film *The Truman Show* and the text, *1984*. They will explore and debate a wide range of media issues and how opinion is presented. Students will then closely study the Shakespearean play, *Romeo and Juliet*.

Assessment
- Tests
- Text essays
- Comparative essays
- Short-stories
- Poetry
- Persuasive writing
- Oral presentations

Clubs
- Book Club
- Debate Club

Excursions
- National Gallery of Victoria

Competitions
- Debating
- Creative writing
- Reading challenges

Year 9 SEAL Mathematics

Course Content
Year 9 Seal Mathematics is a highly differentiated course, as there is a large breadth of Year 10 knowledge that can be covered. This course will undoubtedly focus on more complex algebra skills involving surds, polynomials, and introduce graphing quadratics. Other aspects of the course may include financial maths, complex trigonometry, statistical analysis and interpreting and graphing linear equations. Students will be challenged beyond simple fluency skills and be asked to investigate proofs and provide reasoning for their responses.

Assessment
In Mathematics, teachers use a range of assessment types, including formal testing, extended research tasks and investigations, analysis and problem solving projects in conjunction with informal assessment.

Clubs
- Maths Tutoring Club
- Chess Club
- Homework Club
- Robotics Club

Excursions
- MAV Mathematics Games Day

Competitions
- iCAS Maths Competition
Year 9 SEAL Science

**Course Content**
In this subject, students consolidate the development of their skills in Science inquiry. In this Year 10 course, students study the Big Bang theory and parts of the universe, the periodic table and rates of chemical reactions in Chemistry, heritability and genetics in Biology and forces energy and motion in Physics. At the completion of this course, SEAL students have gained the necessary knowledge and skills to begin studies in VCE Biology, Chemistry, Physics and Psychology.

**Assessment**
Assessment of student learning occurs each term through:
- Pre-test
- Post-test
- Science Practical Report
- Weekly homework tasks are assessed online through Education Perfect or Compass

**Competitions**
- Moonbots Challenge
- Big Science Competition
- Education Perfect Science Championships
- Canstruction Competition
- Curious Minds (for young women)
- ConocoPhillips Science Experience
- EWB Innovation Challenge
- Re-Engineering Australia Formula 1 Technology Challenge

**Clubs**
- Robotics Club
- Girls Who Code

**Excursions**
- Physics Big Bang Show at Swinburne University

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Year 9 SEAL Humanities

**Course Content**
In Year 9 SEAL Humanities, students work towards AUSVELS knowledge and skills at Year 10 level. Students explore the nature of conflict in the US and Australia in the 1900s. They compare and contrast the impacts of WWI and WWII. Students develop an environmental management proposal and evaluate the indicators of human wellbeing. In Economics, students apply their understanding of investment and budgeting to a globalised world.

**Assessment**
- Document analysis
- Oral presentation
- Comparative essay
- Research report
- End of year exam

**Competitions**
- Australian Geography Competition
- The Simpson Prize
- The Australian Share Market Game
- National History Challenge
- Spirit of Anzac Prize

**Clubs**
- Young Historians

**Excursions**
- Melbourne Museum
- Shrine of Remembrance
- Old Melbourne Gaol
Year 9 French Binational students participate in the following:

- French page 9
- English page 9
- Mathematics page 10
- Science page 10
- Humanities page 11
- Spanish page 11

The Year 9F French Binational class with M Delvallee (Inspecteur de l'Education Nationale) based in Bangkok
**Year 9 French Binational French**

**Course Content 9F French – 3ème Français**
Students will explore the extraordinary diversity of the literature of the 20th and 21st Centuries. Short stories, poems, texts and novels about WWI and WWII, autobiography, dramas and plays will give them a new insight into our world through the perspective of contemporary literature. They will continue to practice their skills in writing creative essays and persuasive texts. *L’Histoire des Arts* will be an important part of their learning.

**Assessment**
- Assessment
- Tests
- Creative writing
- Persuasive writing
- Grammar and spelling
- Oral presentations

**Clubs**
- French / Movie Club

**Excursions**
- Melbourne French Theatre Play

**Competitions**
- Berthe Mouchette Competition
- Dis-moi dix mots Competition

**Year 9 French Binational English**

**Course Content**
Students learn to compare and evaluate texts through their study of the films, *The Hunger Games* and *Tomorrow When the War Began*. Persuasive devices are explored in their study of *The Power of Advertising*. Students have the opportunity to study two novels with a focus on exploring characterisation, themes, and the elements of essay and creative writing.

**Assessment**
- Tests
- Text essays
- Comparative essays
- Short stories
- Oral presentations
- Advertising analysis

**Clubs**
- Book Club

**Excursions**
- ACMI

**Competitions**
- Creative writing
- Reading challenges

SBS French Radio journalist, Christophe Mallet, visited AHS
Year 9 French Binational Maths

**Course Content 9F Maths – 3ème Mathématiques**

In Year 9 Mathematics in the French Binational program, students consolidate their maths fluency, reasoning and problem solving skills, in areas of Number and Algebra, Geometry and Statistics and Probability. ICT skills are reinforced and used for Maths enquiries. A skill-based framework is used to monitor progress and develop students’ ownership of their learning as they prepare for their final exam “diplôme national du brevet”.

**Assessment**

- Diagnostic (pre-tests)
- Formative
- Summative post-tests
- Investigation tasks
- Investigation reports (“narration de recherche”)
- Projects
- Individual and group work

**Clubs**

- Maths in French Tutoring Club

**Competitions**

- Le Kangourou des Mathématiques
- iCAS Maths (optional)

**Year 9 French Binational Science**

**Course Content 9F Science – 3ème SVT & PC**

In this subject, students consolidate the development of their Science inquiry skills. A strong emphasis is given to practical activities and students’ ownership of their learning. The content taught covers the two Science subjects of the French program: SVT (Biology and Earth Science) and Physique-Chimie (Physics and Chemistry). Specific topics are: Atoms and Ions (conduction in metals and solution, tests for ions) / Chemical Change (chemistry of batteries, introduction to organic chemistry) / AC Circuits (production of electricity & energy) / Gravitation and Energy.

**Assessment**

- Diagnostic (pre-tests)
- Formative
- Summative post-tests
- Investigation tasks
- Projects
- Practical reports
- Individual and group work

**Clubs**

- Robotics Club
- Girls Who Code

**Competitions**

- Moonbots Challenge
- Big Science Competition
- Education Perfect Science Championships
- Canstruction Competition
- Curious Minds (for young women)
- ConocoPhillips Science Experience
- EWB Innovation Challenge
- Re-Engineering Australia Formula 1 Technology Challenge

**Excursions**

- Physics Big Bang Show at Swinburne University
- Melbourne Museum and Jurassic World exhibition
Year 9 French Binational Humanities

**Course Content**

8F Humanities – 3ème Historie-Géographie, Education Civique

In History, students will study the world since 1914. They will continue to consolidate their knowledge about diverse historical sources, images and maps. In Geography, they will study France and Europe in the rest of the world. In Civic Education, they will increase their knowledge of democratic citizenship.

**Assessment**

- Tests
- Document analysis
- Maps
- Oral presentations

**Excursions**

Claude Midon, President of the French Veterans Association, is pictured with AHS students

**Competitions**

- Australian Geography Competition (optional)

**Year 9 French Binational Spanish**

**Course Content**

9F Spanish – 3ème LV 2

Students will learn an additional language as per the French curriculum requirement. This is done through the support of after-school tutoring, using comprehensive course work from Distance Education, in addition to the general curriculum delivered at AHS.

**Assessment**

- Completion of Distance Education work-sheets
- Participation in after-school classes
- Written test

**Excursions**

- Spanish film and food incursion
All Year 9 students participate in the following:

♦ Essentials for Life (E4L)                                page 13
♦ Health and Physical Education                           page 13
♦ LOTE French or LOTE Chinese                             page 14
    or Advanced LOTE Chinese                               page 15

♦ 9/10 EXTENSION ELECTIVE BLOCK                           page 15
  • Robotics                                             page 15
  • Script It                                             page 16
  • NFL                                                   page 16
  • Art Mural Project                                     page 17
  • Functional Fitness                                    page 17
  • Character Design                                      page 18
  • Hands-on Chem                                         page 18
  • Journalism                                            page 19

♦ 9/10 ARTS & TECHNOLOGY ELECTIVE BLOCK                   page 19
  • Put Your Feet Up (Stools)                             page 19
  • Café skills                                           page 20
  • Print Making                                          page 20
  • Thrillers                                            page 21
  • What’s the Storage?                                   page 21
  • Architectural Design                                  page 22
  • Installation                                          page 22
  • 6 Ingredients, a Cooktop and Instagram                page 23
  • Horror on the Stage!                                  page 23
  • Photography                                           page 24
Year 9 Essentials for Life (E4L)

Course Content
In Essentials for Life (E4L), Year 9 students begin the year looking at their careers, developing résumé writing and interview skills in preparing for their Mock Job Interview. Students then develop their conflict resolution and team work skills, in preparation for their City Experience at the end of Term 2. In Semester 2, the E4L course develops students’ optimistic thinking and develops their study habits in preparation for Year 10.

Excursions
• Headspace Incursion – Healthy Minds
• Mock Job Interviews
• City Experience

Year 9 Health & Physical Education

Course Content
In Physical Education, students develop proficiency in a range of high-level movement and manipulative skills such as a smash in badminton, an AFL drop punt and a basketball jump shot. In Health Education, students discuss relationships and how the different aspects of relationships vary between people and over time. They explore a range of issues related to sexuality and sexual health.

Assessment
• PE: skills assessment and assessment of team work
• Health: workbook, chapter reviews and vocabulary test

Clubs
• Fencing team
• Fitness group
• Access to ECA at lunch
• Inter-school training

Excursions
• Teams are sent out to various inter-school sporting days

Competitions
• Inter-school competitions
• Swimming Carnival
• Cross Country
• Athletics Carnival
Year 9 LOTE French

Course Content
Students will focus on the four skills of speaking, listening, writing and reading. They will learn more about French culture and francophone countries. They will participate in internal, national and international competitions using Language Perfect. Students will also work on cultural elements, and in collaboration with our sister school in Paris. Some of the Year 9 students will go to France to visit our sister school.

Assessment
- Participation in class
- Written tests
- Projects
- Language Perfect

Competitions
- Language Perfect competitions
- Dis-moi dix mots competition
- Berthe Mouchette Poetry Competition

Clubs
- French / Movie Club

Excursions
- French Cinema
- Theatre / role play

Year 9 LOTE Chinese

Course Content
Students will continue their journey in Chinese speaking and listening. They will be learning how to write in Chinese with purpose. There will also be some cultural elements in the course to enrich students’ learning to make the learning more relevant. Some students will be going to China for six weeks in the Victorian Young Leaders to China Program.

Assessment
- Role plays
- Conversations
- Written tests
- Class competitions
- Games

Competitions
- Victorian Chinese Speaking Competition (TBD)

Clubs
- Chinese Cultural Club

Excursions
- Victorian Young Leaders to China Program
- Movies (TBD)
- Exhibition (TBD)
Year 9/10 Advanced LOTE Chinese

Course Content
The course is designed to support students’ learning in their VCE Chinese studies. Students will learn a range of new vocabulary relevant to the VCE exam, and they will also improve on their listening, reading, speaking and writing skills. They will be familiar with different types of genres including recount, procedure, narrative and argumentative.

Assessment
- Essay
- Oral presentation
- Performance
- Reading
- Test

Clubs
- Chinese Craft Club

Excursions
- Film watching
- Cultural festivals

Competitions
- Global Village Bilingual Speech Competition

Year 9/10 Robotics Elective

Course Content
The Robotics elective will focus on the design, programming, engineering and ethics of robotic systems. Students will work towards developing a robot that is able to autonomously navigate a simulated street obstacle course.

Assessment
- Design and programming documentation
- Presentation and explanation of design to Year 7 students

Clubs
- Robotic Club

Competitions
- AHS Autonomous Vehicle Challenge
- Moonbots Challenge
Year 9/10 Script It Elective

Course Content
Students will explore script writing for theatre and film. They will examine the conventions such as three act structure, the Hero's Journey and 7 point structure to create engaging and dramatic scripts. They will learn how to build character and setting, as well as ways to explore themes and concepts.

Assessment
• Folio of writing and analysis

Year 9/10 NFL Elective

Course Content
Students will learn about the positions in each team (offense, defense and special teams), the plays (both offensive and defensive), team communication and they will improve their strength and fitness. It will not be full contact, as there are both male and female students, and students of all sizes in the class.

Assessment
Students will compete in a game at the end of the term, in which they will be graded on their teamwork, individual skills and overall performance. There will also be theory classes throughout the term to improve the students' knowledge of the sport, during which they will complete PowerPoint presentations.
Year 9/10 Art Mural Elective

Course Content
Students will design and execute a piece of public art for Auburn High School. They will explore the history of public art and consider its difference to graffiti, whilst analysing well-known pieces.

Assessment
• Visual diary
• Theory tasks

Year 9/10 Functional Fitness Elective

Course Content
Students will participate in 60-minute fitness classes, addressing the multiple modes of fitness – Strength, Power, Endurance, Agility, Speed, Coordination, Balance and Stamina. The class will incorporate body weight movements, gymnastics, weight-bearing and aerobic exercises. Students will gain a better understanding of what it is to be truly ‘fit’.

Assessment
Students will program a workout for the rest of the class, and coach the group through their workout. They will be marked on their ability to program the workout and deliver it. There will also be theory classes throughout the term to improve the students’ knowledge of fitness programming, during which they will complete PowerPoint presentations.
Year 9/10 Character Design Elective

Course Content
Students will explore character design for animation and gaming. They will study innovative character design and develop their own unique characters.

Assessment
- Folio
- Visual diary
- Theory tasks

Year 9/10 Hands-On Chem Elective

Course Content
The Hands-on Chemistry elective will explore concepts such as the mol, stoichiometry, chemical nomenclature and patterns in chemical properties. Students will answer the big questions such as “How do you count atoms?”, “How does stoichiometry affect chemical reactions?”, and “Why do some chemicals dissolve in water where others do not?”

Assessment
- Practical experiments
- Folio of practical reports

Clubs
- Arts Club

Competitions
- AHS Journal of Science
- National Titration Competition
Year 9/10 Journalism Elective

Course Content
Students will explore the tactics of persuasion in journalism and write, record and produce media products. They will explore the language and structure of newspaper articles, current affairs and news TV programs and radio interviews.

Assessment
• Folio of media products and analysis

Year 9/10 Put Your Feet Up Elective

Course Content
This Design and Technology elective engages students in design investigations relevant to a range of design factors. Fundamental aspects of design such as function, safety, aesthetics and ergonomics will be considered in the development of a range of foot stool and seating design solutions. Students can learn to manipulate various materials including timber, metal and plastics. Students will apply a range of technical processes to construct their own unique products.

Assessment
• Design
• Production

Clubs
• School Show
• Arts Club

Excursions
• City Excursion
• Rigg Design Awards

Competitions
• Maker Space Competition
Year 9/10 Café Skills

Course Content
This course is designed for students wishing to study catering and food service at a more advanced level. The course aims to provide an introduction to the catering industry, where students will gain knowledge about the functioning of a café, menus, purchasing and storage, cooking techniques and basic principles of management and running a small catering operation. Students will have an opportunity to put their learning into practice and run their own Auburn High School Pop-Up Café.

Assessment
Producing, analysis and evaluation work

Clubs
• Various extra-curricular cooking activities

Excursions
• City Excursion
• Visit local cafés

Competitions
• Taste Magazine ‘Cook the Cover’ monthly competition.
• Food Design Challenge

Year 9/10 Printmaking Elective

Course Content
Students will examine the processes involved in different printmaking techniques. They will explore and document their ideas, planning towards finished artworks. They will depict a range of subject matter and experiment with different styles.

Assessment
• Folio
• Theory task

Clubs
• School Show
• Arts Club

Excursions
• City Excursion

Competitions
• School magazine cover competition
Year 9/10 Thrillers Elective

Course Content

Students will study film noir, mystery and horror and create, in teams, their own short thriller film. They will look at the films of Alfred Hitchcock, as well as other classics of the genre. Students will learn media production skills and also explore film analysis.

Assessment

- Finished film
- Theory tasks

Excursions

- City Excursion

Clubs

- Arts Club

Year 9/10 What’s the Storage? Elective

Course Content

This Design and Technology unit will give students the opportunity to design, develop and make storage units with consideration for the key aspects of effective design. Students will explore design factors including function, aesthetics and ergonomics. Developing solutions to meet the needs of a client, students will investigate and apply complex technical methods to manipulate resistant materials in order to produce their own individually designed products. Students will also begin to develop skills for thinking perceptively about the product design and manufacture industries.

Assessment

- Design
- Production

Excursions

- City Excursion
- Rigg Design Awards

Clubs

- Open Workshop

Competitions

- Maker Space Competition
Year 9/10 Architectural Design Elective

Course Content
Students will develop relevant drafting techniques, including creating technical drawings. They will explore the masterpieces of architects from antiquity through to contemporary design.

Assessment
• Practical tasks
• Theory tasks

Clubs
• School Show
• Arts Club

Excursions
• City Excursion

Year 9/10 Installation Elective

Course Content
An installation is an artwork for a specific space. Students will create an installation for the science foyer, using 2D, 3D, film/animation and sound. The installation will be for 2016 Science Week and will explore the theme of Technology – Drones, Droids and Robots. Students will be able to use the medium that they most enjoy to produce artwork for the installation.

Assessment
• Folio
• Visual diary
• Theory tasks

Clubs
• Arts Club

Excursions
• City Excursion
Year 9/10 6 Ingredients, a Cooktop and Instagram Elective

Course Content

Six ingredients, a Cooktop and Instagram is a new subject in 2016. It enables students to work independently and safely, using a range of complex equipment and techniques to produce food products. Students will prepare meals that require very few ingredients, yet remain visually appealing and nutritious. They will learn how to photograph food with appropriate equipment and share their cooking on the Food Technology Instagram.

Assessment

Producing, analysis and evaluation work.

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Year 9/10 Horror on the Stage! Elective

Course Content

Students undertaking this subject will create horror themed performances for the school play Inside the Haunted House. They will explore the conventions of horror and also the roles involved in a theatre production, including actors, directors, scriptwriters, production designers, make-up, costume, lighting and sound and specialise in one of these roles.

Assessment

- Workbook
- Theory task
- Practical work

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Excursions
- City Excursion

Competitions
- Taste Magazine ‘Cook the Cover’ monthly competition.
- Food Design Challenge

Clubs
- School Show
- Arts Club

Excursions
- City Excursion
Course Content

Students will learn fundamental skills in photography and create their own folio of work. They will also examine the work of other photographers and the history of photography.

Assessment

- Folio
- Theory tasks

Clubs

- School Show
- Arts Club

Excursions

- City Excursion

Competitions

- School magazine cover competition