

2017 Year 10 CLASS CURRICULUM OUTLINE Semester 1 - Homeroom Teacher: Mrs Wendy Lyons

Outlined below are the topics and units in the various curriculum subjects your child will be studying this semester. Other current topics of interest may crop up during the term to add to this or even take the place of an existing topic. If you have any resources or expertise you could share regarding any of these topics it would be wonderful to hear from you.

SUBJECT	TERM ONE	TERM TWO	TERM THREE	TERM FOUR
Biblical Studies J James	Christian worldview in contrast with other world-views, such as Humanism, Utilitarianism, Rationalism, Feminism and Consumerism	World Religions We will briefly examine the “Big 5”: Islam, Buddhism, Judaism, Hinduism and Christianity	To be decided	To be decided
English S Allan	Literature: <i>To Kill a Mockingbird</i> by Harper Lee or <i>The Pearl</i> by John Steinbeck Film Study: <i>To Kill a Mockingbird</i> Wide Reading Literacy: Short story writing (social commentary genre) Language: Vocabulary from <i>TKAM/The Pearl</i> Other literacy and language skills will be incorporated into writing, reading and speaking.	Literature: Free Verse poetry; modernist poets Wide Reading Literacy: Creative writing – Free Verse poetry; spoken poetry; close textual analysis of poems Language: Spelling & Vocabulary from poetry studied Other literacy and language skills will be incorporated into writing, reading and speaking.	To be decided	To be decided
Maths K Inman	Linear Relations: algebra review, straight line graphs and simultaneous equations. Geometry: congruence and similarity. (Advanced students will also study properties of circles).	Trigonometry: Trigonometric ratios and applications. (Advanced students will also study sine and cosine rules). Indices Algebra or Surds: Simplifying, expanding and factorising algebraic expressions. Advanced students will study irrational numbers and operations with surds.	To be decided	To be decided

Science L Findlay	Chemical Changes and Products: - Chemical safety, Reaction rates, Catalysts and luminescence, Hydrocarbons and plastics, Alloys. Systems and Immunity: - Sustaining cells, Maintaining body conditions, The nervous system, Hormones in control.	Radioactivity: - Discovery, Radioactive decay, Radioisotope dating, Helpful radiation, Energy from the atom. Origins of Life: - Creationist perspectives on the theory of evolution and the fossil record.	Invisible Waves – energy transfer, wave and particle models, sound transmission and hearing, transmission of light and electromagnetic radiation, the eye and colour vision, communication technologies. The Universe - features of stars and constellations, galaxies and nebulae, the extent of the universe.	The Universe (cont'd) - technological developments in space observation equipment, cosmology and the Biblical record of beginnings. Global Systems – interconnected cycles and spheres, causes of the enhanced greenhouse effect, global warming as a contentious issue, the ozone layer and cosmic radiation, the influence of climate on biodiversity.
History J James	1. What is History? 2. Australia Between The Wars – 1920s and 1930s 3. Totalitarianism – Hitler, Mussolini and Stalin dictator studies Historical skills and concepts	1. World War II – causes, fronts, battles, Australian involvement 2. Holocaust Historical skills and concepts	To be decided	To be decided
Health C Butler C Cain	Alcohol and other drugs	Sexual harassment/Bullying	To be decided	To be decided
Physical Education C Cain C Butler	Swimming Training/ Swimming Carnival; Secondary Camp; Athletics Carnival preparation Cross Country Training	Athletics Carnival; Softball; Volleyball.	To be decided	To be decided
Outdoor Ed. C Butler	Fishing – learn basics of fishing as a recreational activity and practice those skills. Golf – learn and practice the basics of the game of golf	Orienteering – learn and practice the skills associated with orienteering. Golf – learn and practice the basics of the game of golf	To be decided	To be decided
Industrial Design (elective) C Butler	Intro to final year project – constraints/scope of project/drawings required /purchase of materials/ assessment criteria. Start construction continue construction of project, taking care to document all changes etc.		continue construction of project,	continue construction of project, and apply appropriate “finish” to the completed project.

Music (elective) W Lyons	Music of the Theatre, aural skills, individual practical skills, small group practical skills, performance skills	Music of the Theatre, aural skills, individual practical skills, small group practical skills, performance skills	History of Music overview. Aural Skills, individual practical skills, group performance skills.	History of Music overview. Aural Skills, individual practical skills, group performance skills.
Digital Technologies (elective) B Robbins	The Raspberry Pi platform Basics of computer systems Networking basics Introductory coding (Python)	Introductory coding (Python) continued. Designing & creating an application	To be decided	To be decided
Geography (elective) J James	Globalisation, Productivity and Trade	Food Production and use of resources	To be decided	To be decided
Drama (elective) S Allan	Theory: Drama vocabulary; Styles and Genres of Drama Practical: Performance skills, vocal and body exercises, improvisation skills, approaching a script, preparation of comedy skits	Theory: Styles and Genres of Drama Practical: Performance skills, vocal and body exercises, improvisation, characterisation, preparation for major performance	To be decided	To be decided