

TURRAMURRA

HIGH SCHOOL

Year 10 Content Overview, Term 1, 2022

Subject Name	Description	Assessments
ENGLISH	Media Manipulation – Students explore bias, propaganda, and manipulation in media distinguishing between fact & fiction to determine truth.	Media texts 25%
MATHEMATICS	Please check the school website for the scope and sequence.	Term 1 assessment week 9/10
SCIENCE	Students will be studying Physics. This unit is concerned with understanding the nature of forces and motion, energy transfer and electricity. The key concept developed within this unit is that forces affect the motion and behaviour of objects, and that energy can be transferred and transformed from one form to another. Through this unit students gain an understanding of the concepts of force, motion and energy.	Individual Research Project, to be worked on through the Term and submitted early in Term 2.
PDHPE	Year 10 will have 2 lessons of PE each and 1 lesson of Health each fortnight. Students need to wear or bring their correct PE uniform for PE lessons. Year 10 will be studying the unit “Fit 4 Life” in PE and Health, which focuses on values, attitudes, behaviours and consequences in regard to fitness and health.	Fitness Profile Activity
GEOGRAPHY	Students will be examining Environmental Change management. An excursion is planned to Chowder Bay to investigate this further.	Mandatory Research Action Plan- Fieldwork & Report. Ongoing Homework & Research Presentation

HISTORY	Students will be learning about Australia in World War II, the Atomic Bomb and the Holocaust. An incursion is planned as part of the investigation of the Holocaust.	Visual Source Task and ongoing homework activities
COMMERCE	Students will be learning about the Economic & Business Environment. Later in the term they will participate in the Investment ASX Stock Market Activity.	Ongoing homework. Topic test on Economic & Business Environment.
ELECTIVE HISTORY	Students will be examining the use of Film as History, specifically Troy. An examination of the archaeological site will be a part of this unit of work.	Ongoing homework and/or research task
Design and Technology	<p>During Term 1, Design and Technology students will be studying marketing. Specifically, the class will be looking at personalised brands and logos. Individually, students will be given the opportunity to design, develop and produce their own logo and brand. For this unit students will need to transfer their logo onto a piece of clothing apparel and document the development of their brand.</p> <p>The development of each student's brand is a crucial part of the year, as this logo will need to appear on every project that the students create throughout the year.</p>	Marketing My Brand - Brand logo, clothing apparel and folio documentation.
INDUSTRIAL TECHNOLOGY: ENGINEERING	In the practical component of Industrial Technology, Engineering students will be looking at polymers as a construction material while also completing theoretical exercises on Control Technology. The simulation software "Control Studio" will allow students to work at their own pace, progressing through a series of design challenges which focus on an "input, process, output" model of control technology.	<p>The marks from the polymer based practical project will be based on the quality and design of the final project.</p> <p>Bookwork and design challenges linked to the self-paced Control Studio unit will also contribute to the first term marks.</p>
INDUSTRIAL TECHNOLOGY: ENGINEERING - Z ELECTIVE	During Term 1, Year 10 Engineering students in the Z elective will be engaging in two design and construct projects. The first, a car propelled by a mouse trap with the goal of travelling the greatest distance possible. The second, using minimal	MouseTrap Racer – distance trials and evaluation report.

	<p>materials, groups will construct a balsa wood tower to support the greatest load possible. Finally, the students will be engaged in destructive testing and analysis of metal materials.</p> <p>The order in which the various Engineering classes complete these units of work across the semester will vary due to rooming restrictions.</p>	<p>All practical projects contribute to the student's final assessment mark</p> <p>Tower Challenge performance, report and presentation</p>
INDUSTRIAL TECHNOLOGY: WOOD	<p>In Semester 1, students will be introduced to timber alternatives, health and safety with timbers and will learn advanced joining techniques using fixed/portable machinery and hand processes to complete a high-quality side table. Students will undertake classroom theory projects and a major assignment on timber types, uses and related WHS issues.</p>	<p>All practical projects contribute to the student's overall assessment.</p> <p>Assessment of written classwork and minor/major research assignments.</p>
INDUSTRIAL TECHNOLOGY: ART METAL JEWELLERY	<p>This class builds on knowledge they've developed from the year 9 course. Students that are new to the subject will do an accelerated program of work to gain skills. In Semester 1, students will undertake specific jewellery-making exercises to expand their understanding of materials and processes. They will also learn new processes and apply them to the manufacture of a filigree container. Emphasis will be on presentation, efficient use of time, materials, equipment and technique application.</p> <p>Students will complete both in-class and research assignments to broaden their understanding of design and the design process.</p>	<p>Assessment will be based on:</p> <ul style="list-style-type: none"> 1. Satisfactory completion of two major Jewellery/metal Art pieces. 2. Maintenance and on-going development of a design and production portfolio 3. Satisfactory completion of in-class theory and research assignments
INFORMATION & SOFTWARE TECHNOLOGY	<p>During Semester 1 (term 1 and Term 2) the class in Information and Software Technology will be completing the Software Development and Programming Project using Visual Basic 2019.</p> <p>Students are required to have an exercise book or binder for theoretical concepts, and a laptop for programming tasks.</p>	<p>The mark from Semester 1 is based on these assessment tasks:</p> <p>Task 1 - Software Development and</p>

		<p>Programming - Theory Exam</p> <p>Task 2 - Software Development and Programming - Practical Exercises and Research Tasks marked during class time (Ms Saenz)</p> <p>Task 3 - Software Development and Programming - Individual Tasks on GROK Learning</p>
<p>GRAPHICS TECHNOLOGY</p>	<p>In Semester 1, students will use the Fusion 360 CAD software to redesign a custom pushlight. They will then use their drawings with the 3D printers, vacuum former and or the laser cutting machine to create a functional prototype of their idea.</p> <p>This project will emphasise technical processes as well as presentation methods.</p>	<p>Student booklets, custom pushlight and presentations.</p>
<p>FOOD TECHNOLOGY</p>	<p>In year 10 Food Technology students will study a unit entitled 'Food Service and Catering'. This topic has relevance as the foodservice and catering industry employs many young people in casual jobs. The practical component will incorporate recipes that may be utilised in the industry and could be produced in large quantities.</p> <p>A note regarding dietary requirements will be distributed in the first week and this requires a parent signature.</p>	<p>Assessment in semester 1 will include a combination of:</p> <ul style="list-style-type: none"> ● research task and practical assessment (Food service and catering) ● weekly practical lessons ● half-yearly examination

		<p>Food service and catering Assessment Task, students will be hypothetically catering for a function. This will incorporate a theme, recipes and estimating quantities and costings.</p> <p>A practical component will also be included in this assessment.</p> <p>In practical lessons at school students are required to bring a tea towel, dish cloth, a container for the prepared food and a plastic bag for the wet tea towel and dish cloth.</p>
TEXTILES TECHNOLOGY	<p>Students will commence this semester by completing a patch work cushion that will incorporate a lining. The project will begin to develop their design and practical skills by incorporating fabric colouration and embellishment. They will produce a folio that includes design inspiration and development of themes.</p>	<p>Assessment will include:</p> <ul style="list-style-type: none"> ● folio ● completed product ● half-yearly examination
JAPANESE	<p>Students will be studying the following:</p> <p>The Japanese script Katakana and 20 kanji characters</p> <p>Asking and telling the time</p> <p>Daily routine</p> <p>School life/ Timetable/ School subjects</p> <p>Advanced self-introduction</p>	<p>Assessment will include:</p> <p>Speaking and Writing</p>

DRAMA	Students are working on a unit called 'Transformation'. Within this they will look at the use of symbols through transformational props and find ways to transform from one character to the next in an instant. There will be some devising and scripted work including Zeal Theatre's 'The Stones' and John Godber's 'Bouncers'. We hope to transform our audiences.	Assessment will include: <ul style="list-style-type: none"> ● Performance group Assessment Week 11 ● Process grade-Teacher observed rehearsal and peer reflection- ongoing ● Poster/ Promotion or Director's Folio connected to Zeal Theatre's 'The Stones'
VISUAL ARTS	Students will be exploring painting and investigating Pablo Picasso as an artist case study.	Students to be assessed on their practical work and linked theoretical assessment.
VISUAL DESIGN	Students will be studying the elements of Design and logo design.	Students to be assessed on design process, documentation and a writing task
PHOTOGRAPHIC DIGITAL MEDIA	Students will be Introduction to Photography and using the DSLR camera. Photography photo will be on the theme of Urban Rhythm	Photographer case study
MUSIC	Students will be exploring the history and stylistic characteristics of funk music. Throughout the unit students will prepare two funk songs to perform for an evening soiree later in the term.	Students will perform in an ensemble two selected works in the funk style in week 10.
PASS	Students will be studying a unit on Body Systems.	Energy System Commentary Task.
SPORT	Students will participate in a whole school grade/recreational sport on a Thursday afternoon. They are to wear their school PE/Sport uniform to school on Thursdays.	Summer Sport as per online selections completed last term. Grade sport selections will occur in weeks 2 and 3. Summer Competition starts Week 4 of Term 1.

	School/zone/area carnivals, knockout sports and zone/regional representative sport trials are held during Term 1. Students are to check their emails and listen to announcements for specific details.	The school Swimming Carnival will be held on Friday 11 February 2022 for competitors only.
* Please note that dates may change due to unforeseen circumstances.		