Year Six – Curriculum Overview – 2022

Learning Area		Term 1	Term 2	Term 3	Term 4
English	***Units***	**Interpreting Literary Texts: My Place** Students listen to, read and view extracts from literary texts set in earlier times. They demonstrate their understanding of how the events and characters are created within historical contexts	**Examine News Reports in the Media** Students examine the language and structure of news reports created for written and spoken presentations. They construct and present a short news piece about a major natural disaster that has occurred somewhere in the world during the 20th or 21st century. The news report will be presented to the class as a recording.	**Compare texts** Compare and analyse effectiveness of texts in conveying messages. Write arguments persuading to a particular point of view.	**Examining Advertising in the Media** Students read, view and listen to advertisements in print and digital media. They understand how language and text features can be combined for persuasive effect. They demonstrate their understanding of advertising texts' persuasive features through the creation of their own digital multimodal advertisement and an explanation of creative choices.
	Assessment	*Written* Students create an A3 page that shares their experiences and evokes a sense of the present place and time. It will include a description of three aspects of their lives, a map and pictures to show their lives now. Personal Recount Comprehension: Reading (NF)	Multimodal presentation/Oral Presentation Create a digital multimodal news report.	Comparative persuasive argument Oral Presentation	Multimodal advertisement *Written/Oral* Persuasive - Students create and present a multimodal advertisement for a product to help the Cambodian people. Comprehension: Reading (F)
Maths	***Units***	**Rodeo Round-up** In this unit students will interpret and use timetables and cost information, to determine a travel schedule. **Integers, Cartesian plane & transformations** In this unit students describe the use of integers in everyday contexts. They locate, compare and order positive and negative integers on a number line. Students locate an ordered pair in any one of the four quadrants on the Cartesian plane. They apply translations, reflections and rotations to create symmetrical shapes. Students describe combinations of translations, reflections and rotations.	**Number properties & percentage discounts** In this unit students recognise the properties of prime, composite, square and triangular numbers. They solve problems involving all four operations with whole numbers. Students connect fractions, decimals and percentages as different representations of the same number. Students will calculate common percentage discounts on sale. **Splendid Spinner and Dazzling Data** In this unit students apply knowledge of chance events, express probabilities as a fraction, decimal and percentage and to compare expected and observed frequencies. They interpret, compare and analyse data displays to make reasoned decisions. Students investigate the purpose and similarities & differences between data displays. They identify the difference between categorical and numerical data. Students identify how displays can be misleading.	**Order of operations** In this unit students writes correct number sentences using brackets and order of operations. They solve problems involving all four operations with whole numbers. Students select and apply mental and written strategies to problems involving all four operations. solve problems using the order of operations. **Investigating angles** In this unit students make generalisations about angles on a straight line, angles at a point and vertically opposite angles, and use these generalisations to find unknown angles. They measure angles and apply generalisations about angles in real-life contexts.	**3D shape investigation** In this unit students will problem solve and reason to create nets and construct models of simple prisms and pyramids. **Fractions and decimals** In this unit students will locate fractions on a number line, solve problems involving the addition and subtraction of related fractions, calculate a simple fraction of a quantity and describe rules for sequences involving fractions and decimals. They will perform calculations on decimals including multiplying and dividing by powers of 10. Students will make connections between volume and capacity. They will convert between units of measure.
	Assessment	**Rodeo Round-up** *Short answer questions* Students interpret and use timetables and cost information to determine a travel schedule.	**Number properties & percentage discounts** *Short answer questions* Students recognise the properties of prime, composite, square and triangular numbers, solve problems involving division and multiplication, calculate common percentage discounts on sale items and connect fractions, decimals and percentages.	**Order of operations** *Short answer questions* Students write and apply the correct use of brackets and order of operations in number sentences.	**3D shape investigation** *Short answer questions & construction* Students apply knowledge of 3D shapes and area to reason and solve a construction task.
		Integers, Cartesian plane & transformations *Short answer questions* Students describe the use of integers in everyday contexts, locate integers on a number line, locate and ordered pair in any one of the four quadrants on the Cartesian plane and describe combinations of transformations.	**Splendid Spinner and Dazzling Data** *Short answer questions* Students apply knowledge of chance events, express probabilities as a fraction and to compare expected and observed frequencies. Students interpret, compare and analyse data displays to make reasoned decisions.	**Investigating angles** *Short answer questions* Students find unknown angles using the relationships between angles on a straight line, vertically opposite angles and angles at a point.	**Fractions and decimals** *Short answer questions* Students solve problems involving the addition and subtraction of related fractions, calculate a simple fraction of a quantity, and describe rules for sequences involving fractions and decimals. They perform calculations on decimals including multiplying and dividing by powers of 10.

Science	***Units***	**Energy and Electricity** Electrical circuits for transferring and transforming electricity. How energy from a variety of sources can be used to generate electricity and energy transformations associated with different methods of electricity production	**Natural Disasters** Geological and extreme weather events can affect Earth's surface. Effects of earthquakes & volcanoes and how communities are affected. Gather, record & interpret weather data. Representations of cyclones. Community & personal decisions about preparing for natural disasters.	**Life on Earth** Environmental conditions that affect growth & survival of living things. Use simulations to plan and conduct fair tests and analyse results. Gather, record and interpret observations of investigations. Recommend actions to develop environments for native plants and animals.	**Making Changes: Reversible or Irreversible** Changes that can be made to materials and how these changes are classified as reversible or irreversible. Effects of reversible and irreversible changes in everyday materials and how this is used to solve problems that directly affect peoples' lives.
	Assessment	Written Short Response Examination Multimodal Presentation	Written Short Response examination News Report	Scientific Investigation	Written Short Response Examination Scientific Investigation
HASS	***Units***	**Australia in the past**. Inquiry questions: *How have key figures, events and values shaped Australian society, its system of government and citizenship?*	**Australia and Global Citizenship** Inquiry questions: *What does it mean to be an Australian citizen?* *How have experiences of democracy and citizenship differed between groups over time and place, including those from and in Asia?*	**Australia in a Diverse World & Australia's Global Connections** Inquiry questions: *How do places, people and cultures differ across the world?*	**Making Decisions to benefit a Community** Inquiry questions: *How can resources be used to benefit individuals, the community and the environment?*
	Assessment	Student Booklet To explain the significance of key people, events, institutions and processes to the development of the Australian nation. Part A: Examining key figures, events and ideas that led to Federation Part B: Investigating democratic Australia	Short Response Examination To investigate the rights and responsibilities of Australian citizens today, and the experiences of Australian democracy and citizenship for different groups in the past. Digital Presentation: Keynote	To demonstrate an understanding of the diversity of places by representing and interpreting data and information in a variety of forms Poster/digital presentation	To create a multimodal advertisement about a product they are creating to help the Cambodian people, and explain how it persuades the viewer. Design and make a product that supports a member or members of the Cambodian community. To explain ways that resources can be used to benefit individuals, the community and the environment. Short Answer response Workbook linked with English
Technologies	***Units***	**Digital Technology: Binary Numbers & Network Systems** In this unit students engage in a number of activities, including: • examining a game to explore algorithm design and develop skills in using a visual programming language. Students will apply a range of skills and processes when creating digital solutions. They will: • define problems clearly by identifying appropriate data and functional requirements • design a user interface, considering alternatives and design principles • manage, create and communicate ideas online during collaborative projects including negotiating, providing feedback and developing plans to complete tasks and applying social, ethical and technical protocols.		**Design Technologies: Cambodian Connection Integrated Unit** Link with HASS and English Plan and review a product design to meet the needs of the Cambodian people.	
	Assessment	Short Response Test: Binary Numbers. - Students explain the fundamentals of Binary Numbers. Multimodal Presentation: - Students describe digital systems and their components, and explain how digital systems are connected to form a network.		Design and make a product that supports a member of the Cambodian community.	
The Arts	***Units***	**Media Art** Green Screen: News Report (Linked to English Unit) Students: • develop their use of structure, intent, character and settings by incorporating points of view and genre conventions in their compositions • extend their understanding and use of time, space, sound, movement, lighting and technologies • explore meaning and interpretation, and forms and elements including structure, intent, character and settings as they make and respond to media artworks		**Visual Arts** Aussie Artists By the end of this unit, students understand a range of artistic styles. Student will have explored the works of a collection of Australian artists. Students will have created a portfolio of works from the Artists – Ken Done, Sydney Nolan, Sally Morgan & Alick Tipoti. Students will have reflected on both the artist style and technique and their own interpretation of the style and technique.	
	Assessment	Digital presentation using Green screen App. Work booklet		Art Portfolio and Reflection Students will create a portfolio of Australian artist styles and techniques. It must include the following features: 1. A small paragraph about each artist- **Ken Done, Sydney Nolan, Sally Morgan & Alick Tipoti.** 2. Examples of each artist work 3. Reproduction of each style of art. 4. A concluding paragraph about which art style you preferred and reasons you choose this style over the others 5. Completed reflection sheet	