## English – Year 6

**Receptive modes (listening, reading and viewing)**

By the end of Year 6, students understand how the use of text structures can achieve particular effects. They analyse and explain how language features, images and vocabulary are used by different authors to represent ideas, characters and events.

Students compare and analyse information in different and complex texts, explaining literal and implied meaning. They select and use evidence from a text to explain their response to it. They listen to discussions, clarifying content and challenging others' ideas.

**Productive modes (speaking, writing and creating)**

Students understand how language features and language patterns can be used for emphasis. They show how specific details can be used to support a point of view. They explain how their choices of language features and images are used.

Students create detailed texts elaborating on key ideas for a range of purposes and audiences. They make presentations and contribute actively to class and group discussions, using a variety of strategies for effect. They demonstrate an understanding of grammar, and make considered vocabulary choices to enhance cohesion and structure in their writing. They use accurate spelling and punctuation for clarity and make and explain editorial choices based on criteria.

## Mathematics – Year 6

**By the end of Year 6,** students recognise the properties of prime, composite, square and triangular numbers. They describe the use of integers in everyday contexts. They solve problems involving all four operations with whole numbers. Students connect fractions, decimals and percentages as different representations of the same number. They solve problems involving the addition and subtraction of related fractions. Students make connections between the powers of 10 and the multiplication and division of decimals.

They describe rules used in sequences involving whole numbers, fractions and decimals. Students connect decimal representations to the metric system and choose appropriate units of measurement to perform a calculation. They make connections between capacity and volume. They solve problems involving length and area. They interpret timetables. Students describe combinations of transformations. They solve problems using the properties of angles. Students compare observed and expected frequencies. They interpret and compare a variety of data displays including those displays for two categorical variables. They interpret secondary data displayed in the media. Students locate fractions and integers on a number line. They calculate a simple fraction of a quantity. They add, subtract and multiply decimals and divide decimals where the result is rational. Students calculate common percentage discounts on sale items. They write correct number sentences using brackets and order of operations. Students locate an ordered pair in any one of the four quadrants on the Cartesian plane. They construct simple prisms and pyramids. Students describe probabilities using simple fractions, decimals and percentages.

## Science – Year 6

**By the end of Year 6,** students compare and classify different types of observable changes to materials. They analyse requirements for the transfer of electricity and describe how energy can be transformed from one form to another when generating electricity. They explain how natural events cause rapid change to Earth's surface. They describe and predict the effect of environmental changes on individual living things. Students explain how scientific knowledge helps us to solve problems and inform decisions and identify historical and cultural contributions.

Students follow procedures to develop investigable questions and design investigations into simple cause-and-effect relationships. They identify variables to be changed and measured and describe potential safety risks when planning methods. They collect, organise and interpret their data, identifying where improvements to their methods or research could improve the data. They describe and analyse relationships in data using appropriate representations and construct multimodal texts to communicate ideas, methods and findings.

## Humanities and Social Sciences (HASS) – Year 6

**By the end of Year 6**, students explain the significance of an event/ development, an individual and/or group. They identify and describe continuities and changes for different groups in the past and present. They describe the causes and effects of change on society. They compare the experiences of different people in the past. Students describe, compare and explain the diverse characteristics of different places in different locations from local to global scales. They describe how people, places, communities and environments are diverse and globally interconnected and identify the effects of these interconnections over time. Students explain the importance of people, institutions, and processes to Australia's democracy and legal system. They describe the rights and responsibilities of Australian citizens and the obligations they may have as global citizens. Students recognise why choices about the allocation of resources involve trade-offs. They explain why it is important to be informed when making consumer and financial decisions. They identify the purpose of business and recognise the different ways that businesses choose to provide goods and services. They explain different views on how to respond to an issue or challenge.

Students develop appropriate questions to frame an investigation. They locate and collect useful data and information from primary and secondary sources. They examine sources to determine their origin and purpose and to identify different perspectives in the past and present. They interpret data to identify, describe and compare distributions, patterns and trends, and to infer relationships, and evaluate evidence to draw conclusions. Students sequence information about events, the lives of individuals and selected phenomena in chronological order and represent time by creating timelines. They organise and represent data in a range of formats, including large- and small-scale maps, using appropriate conventions. They collaboratively generate alternative responses to an issue, use criteria to make decisions and identify the advantages and disadvantages of preferring one decision over others. They reflect on their learning to propose action in response to an issue or challenge and describe the probable effects of their proposal. They present ideas, findings, viewpoints and conclusions in a range of communication forms that incorporate source materials, mapping, graphing, communication conventions and discipline-specific terms.

## Health and Physical Education – Years 5 and 6

**By the end of Year 6**, students investigate developmental changes and transitions. They explain the influence of people and places on identities. They recognise the influence of emotions on behaviours and discuss factors that influence how people interact. They describe their own and others' contributions to health, physical activity, safety and wellbeing. They describe the key features of health-related fitness and the significance of physical activity participation to health and wellbeing. They examine how physical activity, celebrating diversity and connecting to the environment support community wellbeing and cultural understanding.

Students demonstrate fair play and skills to work collaboratively. They access and interpret health information and apply decision-making and problem-solving skills to enhance their own and others' health, safety and wellbeing. They perform specialised movement skills and sequences and propose and combine movement concepts and strategies to achieve movement outcomes and solve movement challenges. They apply the elements of movement when composing and performing movement sequences.

## Technologies – Years 5 and 6

**By the end of Year 6**, students explain how social, ethical, technical and sustainability considerations influence the design of solutions to meet a range of present and future needs. They explain how the features of technologies influence design decisions and how digital systems are connected to form networks.

Students describe a range of needs, opportunities or problems and define them in terms of functional requirements. They collect and validate data from a range of sources to assist in making judgements. Students generate and record design ideas for specified audiences using appropriate technical terms, and graphical and non-graphical representation techniques including algorithms. They plan, design, test, modify and create digital solutions that meet intended purposes including user interfaces and a visual program. Students plan and document processes and resources and safely produce designed solutions for each of the prescribed technologies contexts. They negotiate criteria for success, including sustainability considerations, and use these to judge the suitability of their ideas, solutions and processes. Students use ethical, social and technical protocols when collaborating, and creating and communicating ideas, information and solutions face-to-face and online.

## The Arts – Years 5 and 6

**Dance**
**By the end of Year 6**, students explain how the elements of dance, choreographic devices and production elements communicate meaning in dances they make, perform and view. They describe characteristics of dances from different social, historical and cultural contexts that influence their dance making.
Students structure movements in dance sequences and use the elements of dance and choreographic devices to make dances that communicate meaning. They work collaboratively to perform dances for audiences, demonstrating technical and expressive skills.

**Drama**
**By the end of Year 6**, students explain how dramatic action and meaning is communicated in drama they make, perform and view. They explain how drama from different cultures, times and places influences their own drama making.
Students work collaboratively as they use the elements of drama to shape character, voice and movement in improvisation, play building and performances of devised and scripted drama for audiences.

**Media Arts**
**By the end of Year 6**, students explain how points of view, ideas and stories are shaped and portrayed in media artworks they make, share and view. They explain the purposes and audiences for media artworks made in different cultures, times and places.
Students work collaboratively using technologies to make media artworks for specific audiences and purposes using story principles to shape points of view and genre conventions, movement and lighting.

**Music**
**By the end of Year 6**, students explain how the elements of music are used to communicate meaning in the music they listen to, compose and perform. They describe how their music making is influenced by music and performances from different cultures, times and places.
Students use rhythm, pitch and form symbols and terminology to compose and perform music. They sing and play music in different styles, demonstrating aural, technical and expressive skills by singing and playing instruments with accurate pitch, rhythm and expression in performances for audiences.

**Visual Arts**
**By the end of Year 6**, students explain how ideas are represented in artworks they make and view. They describe the influences of artworks and practices from different cultures, times and places on their art making.
Students use visual conventions and visual arts practices to express a personal view in their artworks. They demonstrate different techniques and processes in planning and making artworks. They describe how the display of artworks enhances meaning for an audience.

## Languages – Japanese – Years 5 and 6

**By the end of Year 6**, students use formulaic and modelled language in classroom interactions to carry out transactions and to share or convey information about daily routines, activities and events, using time expressions such as まい日、ときどき. They ask and respond to questions in familiar contexts using complete sentences and appropriate pronunciation, rhythm and intonation. They ask for clarification and assistance, negotiate turn-taking and follow instructions. They extend their answers by using conjunctions such as そして、それから. They show concern for and interest in others by making enquiries such as だいじょうぶ？, and apologise and express thanks using appropriate gestures. They read and write all hiragana, including voiced sounds, long vowel sounds, double consonants and blends, and high-frequency kanji, for example, 犬いぬ, 小さい、雨あめ. Students locate specific information and some supporting details in a range of spoken, written and multimodal texts on familiar topics. They express reactions to imaginative texts, such as by describing qualities of characters, for example, やさしい 人 です。. They create connected texts of a few sentences, such as descriptions, dialogues or skits. They structure sentences using particles, for example, へ、で、を、がand prepositions, for example, の上うえに, and apply the rules of punctuation when writing. They describe and recount events and experiences in time, for example, adjective です。noun です/でした。and present/past/negative verb forms, for example, のみます、たべます、見みました、いきません. They use counter classifiers in response to questions such as いくら です か。なんびき？なんこ？. Students translate familiar texts, recognising formulaic expressions and culturally specific textual features and language use. They comment on similarities and differences in ways of expressing values such as politeness, consideration and respect in Japanese compared to other languages and cultures.

Students understand and use the hiragana chart to pronounce contracted and blended sounds and exceptions to phonetic rules, such as を、へ、は, and です. They understand and apply the rules and phonetic changes related to counter classifiers, such as さんぜんえん、いっこ 、はっぴき. They apply their knowledge of stroke order to form characters. They give examples of ways in which languages both change over time and are influenced by other languages and cultures. They identify words from other languages used in Japanese, such as パソコン、メール、パスタ, and how the pronunciation, form and meaning of borrowed words can change when used in Japanese. Students identify behaviours and values associated with Japanese society and incorporate these into their own language use, such as ways of deflecting praise, for example, じょうず です ね。いいえ。.