

Australian Curriculum Learning Area Achievement Standards on a page – Year 6

English

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

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

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

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.

History / Geography / Civics and Citizenship / Economics and Business Subject Achievement Standards

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.

Design and Technologies / Digital Technologies Subject Achievement Standard

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The Arts – Years 5 and 6

By the end of Year 6, students explain how ideas are communicated in artworks they make and to which they respond. They describe characteristics of artworks from different social, historical and cultural contexts that influence their art making.

Students structure elements and processes of arts subjects to make artworks that communicate meaning. They work collaboratively to share artworks for audiences, demonstrating skills and techniques.

Dance / Drama / Media Arts / Music / Visual Arts Subject Achievement Standards

Framework for Aboriginal Languages and Torres Strait Islander Languages

Language Revival Learner Pathway (LR) – Years 3 to 6

By the end of Year 6, students use familiar language and modelled sentence patterns to share information about aspects of their personal worlds, such as their family and friends, interests, everyday routines and activities. They interact appropriately with Elders and community speakers and apply principles and protocols of cultural safety when interacting with Country/Place and engaging with cultural material such as artefacts, works of art, texts and performances. Students ask and respond to simple questions, request help, repetition or clarification, and respond to questions and requests using rehearsed phrases and sentences. Whenever possible they use the language to interact and collaborate in games and other activities, including the use of hand signs as appropriate. They interact with Country/Place to gather information and knowledge and demonstrate their understanding of Country/Place, for example, by explaining the origins and meanings of Aboriginal and Torres Strait Islander names of streets, parks, public institutions and social programs. They label, order and classify natural objects, animals and plants, by making simple statements about key features. They identify features of landforms, infrastructure and built environment, identifying places which have special significance to community. Students listen to, read and view a range of resources in the language, such as historical documents, stories, photos, images and art works, and demonstrate understanding of content by locating, recording and interpreting key words and phrases, and locating key points of information. They present information they have obtained that relates to language, culture, environment and community personalities, using short sentence structures, familiar vocabulary, photos and concrete materials. They demonstrate understanding of stories, songs, visual design and performance, for example by mapping sites, landforms and features through which a travelling story or songline passes, or by selecting and writing simple modelled statements to describe main characters and events. They create their own texts and works of art to tell a story, incorporating illustrations and visual props, significant symbols and techniques appropriate to Country/Place.

Students use simple, formulaic language to retell excerpts from stories and to create new songs and stories, understanding their role in helping to build a community of learner-speakers who use the language. They apply their knowledge of grammar and vocabulary to translate short texts, such as word lists, labels, songs and historical texts, explaining culture-specific concepts and expressions that do not translate easily into English. They create bilingual texts for the classroom and school community that explain words and associated cultural ideas. Students identify markers of identity across cultures, and recognise the importance of language, Country/Place and culture to the identity of Aboriginal and Torres Strait Islander peoples. They reflect on their own cultural identity in light of their experience of learning the language, considering how their ideas and ways of communicating are influenced by their own cultural backgrounds.

Students know that the language has its own pronunciation, spelling and grammar. They apply this knowledge to predict the sound, spelling and meaning of new words. They use metalanguage for language explanation, for making comparisons with English forms and other known languages, for reflecting on the experience of learning the language and culture, and for explaining the purpose and techniques of language building. They describe different ways of communicating in Aboriginal and Torres Strait Islander languages, for example, through story, song, sign language and artistic expression. Students know that language use varies according to age, relationships and situation, and they identify and explain kin terms in particular Aboriginal or Torres Strait Islander languages where it is appropriate. They provide examples of how languages change over time. They recognise that Aboriginal and Torres Strait Islander languages are in various states of maintenance, development and revival and can give some historical reasons for this. They explain the current situation of the language they are learning, including details about what is known about it, its current usage, generational differences and revival plans. They explain the importance of maintaining, strengthening

and reviving Aboriginal and Torres Strait Islander languages for specific communities and for the broader Australian community. They demonstrate their understanding of the link between language, culture, Country and Place by working with the community language groups to develop a short 'Welcome to Country/Place' and/or 'Acknowledgement of Country/Place' to present at formal school functions or community events. Students describe language building efforts in their community. They explain protocols for language building, such as consulting and involving language owners. They identify contemporary and historical language materials that may assist communities with language building efforts and the challenges involved in using these. They understand their own role in helping to build a community of language-learner speakers and in the development of new language resources. They explain how the language was recorded in the past, by whom and for what purpose, and can give reasons for some different spellings of words within the language. Students know that the language is primarily oral and explain the importance of story and story-telling in transmitting language and culture. They recognise that ownership of songs, stories, dances and designs is determined by traditional kinship and other social groupings, place, History and Journey. They know that language in its various forms carries Indigenous knowledge in the context of Country/Place.

