

Australian Curriculum Learning Area Achievement Standards on a page – Year 5

English

Receptive modes (listening, reading and viewing)

By the end of Year 5, students explain how text structures assist in understanding the text. They understand how language features, images and vocabulary influence interpretations of characters, settings and events.

When reading, they encounter and decode unfamiliar words using phonic, grammatical, semantic and contextual knowledge. They analyse and explain literal and implied information from a variety of texts. They describe how events, characters and settings in texts are depicted and explain their own responses to them. They listen and ask questions to clarify content.

Productive modes (speaking, writing and creating)

Students use language features to show how ideas can be extended. They develop and explain a point of view about a text, selecting information, ideas and images from a range of resources.

Students create imaginative, informative and persuasive texts for different purposes and audiences. They make presentations which include multimodal elements for defined purposes. They contribute actively to class and group discussions, taking into account other perspectives. When writing, they demonstrate understanding of grammar using a variety of sentence types. They select specific vocabulary and use accurate spelling and punctuation. They edit their work for cohesive structure and meaning.

Mathematics

By the end of Year 5, students solve simple problems involving the four operations using a range of strategies. They check the reasonableness of answers using estimation and rounding. Students identify and describe factors and multiples. They identify and explain strategies for finding unknown quantities in number sentences involving the four operations. They explain plans for simple budgets. Students connect three-dimensional objects with their two-dimensional representations. They describe transformations of two-dimensional shapes and identify line and rotational symmetry. Students interpret different data sets.

Students order decimals and unit fractions and locate them on number lines. They add and subtract fractions with the same denominator. Students continue patterns by adding and subtracting fractions and decimals. They use appropriate units of measurement for length, area, volume, capacity and mass, and calculate perimeter and area of rectangles. They convert between 12- and 24-hour time. Students use a grid reference system to locate landmarks. They measure and construct different angles. Students list outcomes of chance experiments with equally likely outcomes and assign probabilities between 0 and 1. Students pose questions to gather data, and construct data displays appropriate for the data.

Science

By the end of Year 5, students classify substances according to their observable properties and behaviours. They explain everyday phenomena associated with the transfer of light. They describe the key features of our solar system. They analyse how the form of living things enables them to function in their environments. Students discuss how scientific developments have affected people's lives, help us solve problems and how science knowledge develops from many people's contributions.

Students follow instructions to pose questions for investigation and predict the effect of changing variables when planning an investigation. They use equipment in ways that are safe and improve the accuracy of their observations. Students construct tables and graphs to organise data and identify patterns in the data. They compare patterns in their data with predictions when suggesting explanations. They describe ways to improve the fairness of their investigations, and communicate their ideas and findings using multimodal texts.

Humanities and Social Sciences

By the end of Year 5, students describe the significance of people and events/developments in bringing about change. They identify the causes and effects of change on particular communities and describe aspects of the past that have remained the same. They describe the experiences of different people in the past. Students explain the characteristics of places in different locations at local to national scales. They identify and describe the interconnections between people and the human and environmental characteristics of places, and between components of environments. They identify the effects of these interconnections on the characteristics of places and environments. Students identify the importance of values and processes to Australia's democracy and describe the roles of different people in Australia's legal system. They recognise that choices need to be made when allocating resources. They describe factors that influence their choices as consumers and identify strategies that can be used to inform these choices. They describe different views on how to respond to an issue or challenge.

Students develop questions for an investigation. They locate and collect data and information from a range of sources to answer inquiry questions. They examine sources to determine their purpose and to identify different viewpoints. They interpret data to identify and describe distributions, simple patterns and trends, and to infer relationships, and suggest conclusions based on evidence. Students sequence information about events, the lives of individuals and selected phenomena in chronological order using timelines. They sort, record and represent data in different formats, including large-scale and small-scale maps, using basic conventions. They work with others to generate alternative responses to an issue or challenge and reflect on their learning to independently propose action, describing the possible effects of their proposed action. They present their ideas, findings and conclusions in a range of communication forms using discipline-specific terms and appropriate conventions.

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

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.

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