Achievement on a page: Year 7 – Learning area achievement standards

English

Receptive modes (listening, reading and viewing)
By the end of Year 7, students understand how text structures can influence the complexity of a text and are dependent on audience, purpose and context. They demonstrate understanding of how the choice of language features, images and vocabulary affects meaning.

Students explain issues and ideas from a variety of sources, analysing supporting evidence and implied meaning. They select specific details from texts to develop their own response, recognising that texts reflect different viewpoints. They listen for and explain different perspectives in texts.

Productive modes (speaking, writing and creating)
Students understand how the selection of a variety of language features can influence an audience. They understand how to draw on personal knowledge, textual analysis and other sources to express or challenge a point of view. They create texts showing how language features and images from other texts can be combined for effect.

Students create structured and coherent texts for a range of purposes and audiences. They make presentations and contribute actively to class and group discussions, using language features to engage the audience. When creating and editing texts they demonstrate understanding of grammar, use a variety of more specialised vocabulary and accurate spelling and punctuation.

Mathematics

By the end of Year 7, students solve problems involving the comparison, addition and subtraction of integers. They make the connections between whole numbers and index notation and the relationship between perfect squares and square roots. They solve problems involving percentages and all four operations with fractions and decimals. They compare the cost of items to make financial decisions. Students represent numbers using variables. They connect the laws and properties for numbers to algebra. They interpret simple linear representations and model authentic information. Students describe different views of three-dimensional objects. They represent transformations in the Cartesian plane. They solve simple numerical problems involving angles formed by a transversal crossing two lines. Students identify issues involving the collection of continuous data. They describe the relationship between the median and mean in data displays.

Students use fractions, decimals and percentages, and their equivalences. They express one quantity as a fraction or percentage of another. Students solve simple linear equations and evaluate algebraic expressions after numerical substitution. They assign ordered pairs to given points on the Cartesian plane. Students use formulas for the area and perimeter of rectangles and calculate volumes of rectangular prisms. Students classify triangles and quadrilaterals. They name the types of angles formed by a transversal crossing parallel line. Students determine the sample space for simple experiments with equally likely outcomes and assign probabilities to those outcomes. They calculate mean, mode, median and range for data sets. They construct stem-and-leaf plots and dot-plots.

Science

By the end of Year 7, students describe techniques to separate pure substances from mixtures. They represent and predict the effects of unbalanced forces, including Earth's gravity, on motion. They explain how the relative positions of Earth, the sun and moon affect phenomena on Earth. They analyse how the sustainable use of resources depends on the way they are formed and cycle through Earth systems. They predict the effect of human and environmental changes on interactions between organisms and classify and organise diverse organisms based on observable differences. Students describe situations where scientific knowledge from different science disciplines and diverse cultures has been used to solve a real-world problem. They explain possible implications of the solution for different groups in society.

Students identify questions that can be investigated scientifically. They plan fair experimental methods, identifying variables to be changed and measured. They select equipment that improves fairness and accuracy and describe how they considered safety. Students draw on evidence to support their conclusions. They summarise data from different sources, describe trends and refer to the quality of their data when suggesting improvements to their methods. They communicate their ideas, methods and findings using scientific language and appropriate representations.

Health and Physical Education – Years 7-8

By the end of Year 8, students evaluate strategies and resources to manage changes and transitions and investigate their impact on identities. Students evaluate the impact on wellbeing of relationships and valuing diversity. They analyse factors that influence emotional responses. They investigate strategies and practices that enhance their own, others' and community health, safety and wellbeing. They investigate and apply movement concepts and select strategies to achieve movement and fitness outcomes. They examine the cultural and historical significance of physical activities and examine how connecting to the environment can enhance health and wellbeing.

Students apply personal and social skills to establish and maintain respectful relationships and promote safety, fair play and inclusivity. They demonstrate skills to make informed decisions, and propose and implement actions that promote their own and others' health, safety and wellbeing. Students demonstrate control and accuracy when performing specialised movement sequences and skills. They apply movement concepts and refine strategies to suit different movement situations. They apply the elements of movement to compose and perform movement sequences.

Humanities and Social Sciences

By the end of Year 7, students explain the role of groups and the significance of particular individuals in past societies. They suggest reasons for continuity and change over time. They describe the effects of change on societies, individuals and groups and describe events and developments from the perspective of people who lived at the time. They identify past events and developments that have been interpreted in different ways. Students describe geographical processes that influence the characteristics of places. They explain interconnections between people and places and people and environments, describing how these interconnections change places and environments. Students identify the ideas, values and principles that underpin the institutions and processes in Australia's political and legal systems. They explain the diverse nature of Australian society, and identify the importance of shared values in contemporary Australian society. Students describe the interdependence of consumers and producers in the market and identify factors and strategies that contribute to the financial success of businesses and individuals. They identify why individuals choose to work and the various sources of income that exist. Students recognise that people have different perceptions of places, events and issues and explain how this and other factors influence views on how to respond to an issue to challenge.

Students formulate significant questions and propositions to guide investigations. They locate and collect useful data, information and evidence from a range of primary and secondary sources. They examine sources to determine their origin, purpose and reliability and to identify past and present values and perspectives. They interpret and analyse data to propose simple explanations for distributions, patterns, trends and relationships, and evaluate and synthesise evidence to draw conclusions. Students sequence events and developments within a chronological framework, using dating conventions to represent and measure time. They organise, categorise and represent data in a range of appropriate formats using discipline-specific conventions. They make informed decisions by collaborating with others to generate alternatives, comparing the potential costs and benefits of each and developing and using criteria to make a reasoned judgement. Students reflect on their learning to propose individual and collective action in response to an issue or challenge, taking account of different factors and multiple perspectives, and predict the probable effects of their proposal. They present ideas, findings, viewpoints, explanations and conclusions in a range of communication forms that incorporate source materials, citations, discipline-specific terms, conventions and concepts.

Technologies – Years 7-8

Technologies
By the end of Year 8, students explain how social, ethical, technical and sustainability considerations influence the design of innovative and enterprising solutions to meet a range of present and future needs. They explain how the features of technologies influence design and production decisions. Students make choices between different types of networks for defined purposes.

Students explain a range of needs, opportunities or problems and define them in terms of functional requirements and constraints. They collect, authenticate and interpret data from a range of sources to assist in making informed judgements. Students generate and document in digital and non-digital form, design ideas for different audiences using appropriate technical terms, and graphical representation techniques including algorithms. They independently and safely plan, design, test, modify and create a range of digital solutions that meet intended purposes including user interfaces and the use of a programming language. They plan, document and effectively manage processes and resources to produce designed solutions for each of the prescribed technologies contexts. They develop criteria for success, including innovation and sustainability considerations, and use these to judge the suitability of their ideas, solutions and processes. Students use appropriate protocols when collaborating, and creating and communicating ideas, information and solutions face-to-face and online.

Achievement on a page: Year 7 – Subject specific achievement standards are provided as an option

History	Geography
By the end of Year 7, students suggest reasons for change and continuity over time. They describe the effects of change on societies, individuals and groups. They describe events and developments from the perspective of different people who lived at the time. Students explain the role of groups and the significance of particular individuals in society. They identify past events and developments that have been interpreted in different ways. Students sequence events and developments within a chronological framework, using dating conventions to represent and measure time. When researching, students develop questions to frame a historical inquiry. They identify and select a range of sources and locate, compare and use information to answer inquiry questions. They examine sources to explain points of view. When interpreting sources, they identify their origin and purpose. Students develop texts, particularly descriptions and explanations. In developing these texts and organising and presenting their findings, they use historical terms and concepts, incorporate relevant sources, and acknowledge their sources of information.	By the end of Year 7, students describe geographical processes that influence the characteristics of places and how the characteristics of places are perceived and valued differently. They explain interconnections between people and places and environments and describe how these interconnections change places and environments. They describe alternative strategies to a geographical challenge referring to environmental, economic and social factors. Students identify geographically significant questions to frame an inquiry. They evaluate a range of primary and secondary sources to locate useful information and data. They record and represent data and the location and distribution of geographical phenomena in a range of forms, including large-scale and small-scale maps that conform to cartographic conventions. They interpret and analyse geographical maps, data and other information to propose simple explanations for spatial distributions, patterns, trends and relationships, and draw conclusions. Students present findings and arguments using relevant geographical terminology and digital technologies in a range of communication forms. They propose action in response to a geographical challenge, taking account of environmental, economic and social factors, and describe the expected effects of their proposal.
Civics and Citizenship	**Economics and Business**
By the end of Year 7, students explain features of Australia's Constitution, including the process for constitutional change. They explain how Australia's legal system is based on the principle of justice. Students explain the diverse nature of Australian society and identify the importance of shared values in promoting a cohesive society. When researching, students develop a range of questions and gather and analyse information from different sources to investigate Australia's political and legal systems. They consider different points of view on civics and citizenship issues. When planning for action, students take into account multiple perspectives to develop solutions to an issue. Students develop and present arguments on civics and citizenship issues using appropriate texts, terms and concepts. They identify ways they can be active and informed citizens.	By the end of Year 7, students describe the interdependence of consumers and producers in the market. They explain the importance of short- and long-term planning to individual and business success and identify different strategies that may be used. They describe the characteristics of successful businesses and explain how entrepreneurial capabilities contribute to this success. Students identify the reasons individuals choose to work and describe the various sources of income that exist. When researching, students develop questions and gather data and information from different sources to investigate an economic or business issue. They interpret data to identify trends. They propose alternative responses to an issue and assess the costs and benefits of each alternative. They apply economics and business knowledge, skills and concepts to familiar problems. Students develop and present conclusions using appropriate texts, terms and concepts. They identify the effects of their decisions and the possible effects of alternative actions.

The Arts – Years 7-8				
Dance By the end of Year 8, students identify and analyse the elements of dance, choreographic devices and production elements in dances in different styles and apply this knowledge in dances they make and perform. They evaluate how they and others from different cultures, times and places communicate meaning and intent through dance.	**Drama** By the end of Year 8, students identify and analyse how the elements of drama are used, combined and manipulated in different styles. They apply this knowledge in drama they make and perform. They evaluate how they and others from different cultures, times and places communicate meaning and intent through drama.	**Media Arts** By the end of Year 8, students identify and analyse how representations of social values and points of view are portrayed in the media artworks they make, distribute and view. They evaluate how they and other makers and users of media artworks from different cultures, times and places use genre and media conventions and technical and symbolic elements to make meaning. They identify and analyse the social and ethical responsibility of the makers and users of media artworks.	**Music** By the end of Year 8, students identify and analyse how the elements of music are used in different styles and apply this knowledge in their performances and compositions. They evaluate musical choices they and others from different cultures, times and places make to communicate meaning as performers and composers.	**Visual Arts** By the end of Year 8, students identify and analyse how other artists use visual conventions and viewpoints to communicate ideas and apply this knowledge in their art making. They explain how an artwork is displayed to enhance its meaning. They evaluate how they and others are influenced by artworks from different cultures, times and places.
Students choreograph dances, demonstrating selection and organisation of the elements of dance, choreographic devices and form to communicate choreographic intent. They choreograph and learn dances, and perform them with confidence and clarity, and with technical and expressive skills appropriate to the dance style.	Students collaborate to devise, interpret and perform drama. They manipulate the elements of drama, narrative and structure to control and communicate meaning. They apply different performance styles and conventions to convey status, relationships and intentions. They use performance skills and design elements to shape and focus theatrical effect for an audience.	Students produce representations of social values and points of view in media artworks for particular audiences and contexts. They use genre and media conventions and shape technical and symbolic elements for specific purposes and meaning. They collaborate with others in design and production processes, and control equipment and technologies to achieve their intentions.	Students manipulate the elements of music and stylistic conventions to compose music. They interpret, rehearse and perform songs and instrumental pieces in unison and in parts, demonstrating technical and expressive skills. They use aural skills, music terminology and symbols to recognise, memorise and notate features, such as melodic patterns in music they perform and compose.	Students plan their art making in response to exploration of techniques and processes used in their own and others' artworks. They demonstrate use of visual conventions, techniques and processes to communicate meaning in their artworks.

Technologies – Years 7-8	
Design and Technologies By the end of Year 8, students explain factors that influence the design of products, services and environments to meet present and future needs. They explain the contribution of design and technology innovations and enterprise to society. Students explain how the features of technologies impact on designed solutions and influence design decisions for each of the prescribed technologies contexts. Students create designed solutions for each of the prescribed technologies contexts based on an evaluation of needs or opportunities. They develop criteria for success, including sustainability considerations, and use these to judge the suitability of their ideas and designed solutions and processes. They create and adapt design ideas, make considered decisions and communicate to different audiences using appropriate technical terms and a range of technologies and graphical representation techniques. Students apply project management skills to document and use project plans to manage production processes. They independently and safely produce effective designed solutions for the intended purpose.	**Digital Technologies** By the end of Year 8, students distinguish between different types of networks and defined purposes. They explain how text, image and audio data can be represented, secured and presented in digital systems. Students plan and manage digital projects to create interactive information. They define and decompose problems in terms of functional requirements and constraints. Students design user experiences and algorithms incorporating branching and iterations, and test, modify and implement digital solutions. They evaluate information systems and their solutions in terms of meeting needs, innovation and sustainability. They analyse and evaluate data from a range of sources to model and create solutions. They use appropriate protocols when communicating and collaborating online.