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Assessment description	Category	
Students present findings and representations of	Multimodal and written/spoken	
data and information about landscapes and their landforms in a collection of work using a range of	Technique	
appropriate communication forms.	Collection of work	
Context for assessment	Alignment	
 develop a collection of work in class to demonstrate knowledge, understanding and skills about landscapes and landforms use a range of sources to complete a series of learning projects in class including: a labelled sketch (from a photograph) of one 	Australian Curriculum v6.0, Year 8 Geography Australian Curriculum content and achievement standard ACARA — Australian Curriculum, Assessment and Reporting Authority www.australiancurriculum.edu.au Year 8 Geography standard elaborations: www.qcaa.qld.edu.au/downloads/p_10/ac_geog_yr8 _se.pdf	
 a special purpose map showing the distribution at a global scale of one type of 	Connections	
 landform with a description, including examples an annotated photograph (or sketch) of a landform model to explain the geomorphological processes evident a labelled diagram of a geomorphological hazard, a map showing the distribution of where this hazard occurs and an annotated map with a case study summary an explanation of an artwork of a landscape or landform by an Aboriginal or Torres Strait Islander artist a graphical representation and analysis of a specific land degradation issue a factsheet with labelled map about one of 	This assessment can be used with the QCAA Australian Curriculum resource titled Year 8 Geography year plan — Geography exemplar available at: www.qcaa.qld.edu.au/downloads/p_10/ac_geog_yr8 _plan.docx	
Australia's natural World Heritage sites.		
Definitions		

Landform: The individual surface features of the earth identified by their shape, e.g. dunes, plateaux, canyons, beaches, plains, rivers and valleys.

Landscape: A landscape is the visible appearance of an area, created by a combination of geological, geomorphological, biological, cultural layers that have evolved over time, and as perceived, portrayed and valued by people. A geomorphic landscape is the landscape without the biological and cultural layers.

Geographical processes: The physical and human forces that work in combination to form and transform the world, e.g. erosion, the water cycle, migration or urbanisation. Geographical processes can operate within and between places.

Spatial distribution: The arrangement of particular phenomena or activities across the surface of the Earth.

Annotation: The process of adding comments and explanations to make meaning. In Geography, annotations are added to visual texts such as diagrams or maps.

Geomorphology: A field of study which attempts to describe and understand the natural features of and





the processes operating on, the Earth's surface.

Landscape degradation: Degradation occurs through human actions and includes salinity, accelerated soil erosion, the spread of weeds, loss of biodiversity and habitats and water pollution.

Geomorphological hazard: Hazards that originate from the lithosphere including volcanic eruptions, earthquakes, landslides and avalanches.

Stack: A geological landform consisting of a steep and often vertical column or column of rock in the sea near a coast, formed by erosion.

In this assessment

Teacher guidelines

Task-specific standards — continua

Task-specific standards — matrix

Assessment resource 1: Identifying landscapes and their landforms

Assessment resource 2: Geomorphic processes in action

Assessment resource 3: Geomorphological hazards

Assessment resource 4: Connecting landforms to Country/Place

Assessment resource 5: Land degradation

Assessment resource 6: Protecting significant landscapes

Assessment resource 7: Glossary of geographical terms

Student booklet

Teacher guidelines

Identify curriculum

Content descriptions to be taught				
Geographical Knowledge and Understanding	Geographical Inquiry and Skills			
The different types of landscapes and their distinctive landform features (ACHGK048)	Collecting, recording, evaluating and representing			
The aesthetic, cultural and spiritual value of landscapes and landforms for people, including Aboriginal and Torres Strait Islander Peoples (ACHGK049)	• Collect, select and record relevant geographical data and information, using ethical protocols, from appropriate primary and secondary sources (ACHGS056)			
• The geomorphic processes that produce landforms, including a case study of at least one landform (ACHGK050)	• Evaluate sources for their reliability and usefulness and represent data in a range of appropriate forms, for example, climate graphs,			
The human causes and effects of landscape degradation (ACHGK051)	compound column graphs, population pyramids, tables, field sketches and annotated diagrams, with and without the use of digital and spatial technologies (ACHGS057)			
 The ways of protecting significant landscapes (ACHGK052) The causes, impacts and responses to a geomorphological hazard (ACHGK053) 	 Represent the spatial distribution of different types of geographical phenomena by constructing appropriate maps at different scales that conform to cartographic conventions, using spatial technologies as appropriate (ACHGS058) 			
	Interpreting, analysing and concluding			
	 Analyse geographical data and other information using qualitative and quantitative methods, and digital and spatial technologies as appropriate, to identify and propose explanations for spatial distributions, patterns and trends and infer relationships (ACHGS059) 			
	 Apply geographical concepts to draw conclusions based on the analysis of the data and information collected (ACHGS060) 			
	 Communicating Present findings, arguments and ideas in a range of communication forms selected to suit a particular audience and purpose, using geographical terminology and digital technologies as appropriate (ACHGS061) Reflecting and responding Reflect on their learning to propose individual and collective action in response to a contemporary geographical challenge, taking account of environmental, economic and social considerations, and predict the expected outcomes of their proposal (ACHGS062) 			

General capabilities (GCs) and cross-curriculum priorities (CCPs) This assessment may provide opportunities to engage with the following GCs and CCPs. Refer also to the Resources tab on the P–10 Geography curriculum and assessment page: www.qcaa.qld.edu.au/yr8- geography-resources.html.					
■ 1: :: © ¥ X S	Literacy Numeracy ICT capability Critical and creative thinking Personal and social capability Ethical understanding Intercultural understanding	 Aboriginal and Torres Strait Islander histories and cultures Asia and Australia's engagement with Asia Sustainability 			
Achievement standard This assessment provides opportunities for students to demonstrate the following highlighted aspects. By the end of Year 8, students explain geographical processes that influence the characteristics of places and explain how places are perceived and valued differently. They explain interconnections within environments and between people and places and explain how they change places and environments.					
They propose explanations for spatial distributions and patterns among phenomena and identify associations between distribution patterns. They compare alternative strategies to a geographical					

associations between distribution patterns. They compare alternative strategies to a geographical challenge and propose a response, taking into account environmental, economic and social factors. Students identify geographically significant questions from observations to frame an inquiry. They locate relevant information from a range of primary and secondary sources to answer inquiry questions. They represent data and the location and distribution of geographical phenomena in a range of appropriate graphic forms, including maps at different scales that conform to cartographic conventions. They analyse geographical data and other information to propose explanations for spatial patterns, trends and relationships and draw reasoned conclusions. Students present findings, arguments and ideas using relevant geographical terminology and graphic representations in a range of appropriate communication forms. They propose action in response to a geographical challenge taking account of environmental, economic and social considerations and predict the outcomes of their proposal.

Source: ACARA, The Australian Curriculum v7.2, www.australiancurriculum.edu.au

Sequence learning

Suggested learning experiences

This assessment leads on from the learning experiences outlined in the QCAA's Year 8 Geography year plan. The knowledge, understanding and skills developed in the exemplar year plan will prepare students to engage in this assessment:

 See Year 8 plan — Year 8 Geography exemplar: www.qcaa.qld.edu.au/downloads/p_10/ac_geog_yr8_plan.docx

Adjustments for needs of learners

The Australian Curriculum, in keeping with *Melbourne Declaration on Educational Goals for Young Australians* (2008), establishes the expectations of a curriculum appropriate to all Australian students. All students across all education settings and contexts are supported in their diverse learning needs through the three-dimensions of the Australian Curriculum: the learning area content, the general capabilities and the cross-curriculum priorities. The relationship between and the flexibility to emphasis one or more of the dimensions allows teachers to personalise learning programs.

To make adjustments, teachers refer to learning area content aligned to the child's chronological age, personalise learning by emphasising alternate levels of content, general capabilities or cross-curriculum priorities in relation to the chronological age learning area content. The emphasis placed on each area is informed by the child's current level of learning and their strengths, goals and interests. Advice on the process of curriculum adjustment for all students and in particular for those with disability, gifted and talented or for whom English is an additional language or dialect are addressed in *Australian Curriculum – Student Diversity* materials.

For information to support students with diverse learning needs, see:

- Queensland Curriculum and Assessment Authority materials for supporting students with diverse learning needs www.qcaa.qld.edu.au/10188.html
- Australian Curriculum Student Diversity www.australiancurriculum.edu.au/StudentDiversity/Student-diversity-advice
- The Melbourne Declaration on Educational Goals for Young Australians www.curriculum.edu.au/verve/_resources/National_Declaration_on_the_Educational_Goals_for_Young _Australians.pdf
- The Disability Standards for Education www.ag.gov.au

Resources

Print and digital

 Macmillan Global Atlas Fourth Edition 2014, www.macmillan.com.au/secondary/onix/isbn/9781420232073

Online

- ABC, Indigenous language map (interactive), www.abc.net.au/indigenous/map
- Australian Geography Teachers Association, Geogspace, *Field and photosketching*, www.geogspace.edu.au/core-units/f-4/inquiry-and-skills/year-f-4/yf4-is-illus2.html
- Australian Geography Teachers Association, Geogspace, Using Google Earth to investigate landscapes and landforms, www.geogspace.edu.au/core-units/years-7-8/inquiry-and-skills/years-7-8/y78-is-illus2.html
- Australian Museum, Dreamtime story, www.youtube.com/watch?v=J4rAa6PReQM
- Australian Screen, 'Balgo', 'Maps of the Country', 'Kiwirrkurra' in *Painting Country* 2000, Electric Pictures, Robin Eastwood Productions, SBS Independent & NHK, http://aso.gov.au/titles/documentaries/painting-country (short clips and text explaining law, rights and painting in maps of Country)
- The British Geographer, Caves, arches, stacks and stumps, http://thebritishgeographer.weebly.com/ coasts-of-erosion-and-coasts-of-deposition.html

- Central Art, Aboriginal symbols glossary, www.aboriginalartstore.com.au/aboriginal-artculture/aboriginal-symbols-glossary
- Cool Geography UK, *Plate margins.www.coolgeography.co.uk/A-level/AQA/Year%2013/* Plate%20Tectonics/Plate%20tectonics/Margins%20and%20landforms.htm
- Film Australia Digital Learning, 'Dreamings through Indigenous art' in Dreamings the Art of Aboriginal Australia, 1988, Australians At Work, Film Australia, 2005, www.australiansatwork.com.au/ dreamings/dreamings_ar7-8.php (short clip and text explaining rights to tell stories and symbols and colours in art)
- Geography for Kids, Break it down: Erosion, www.geography4kids.com/files/land_erosion.html
- Geography for Kids, Mechanical weathering, www.geography4kids.com/files/land weathering.html
- Hong Kong Geological Survey, Weathering and Erosion: An Introduction to geomorphology, http://hkss.cedd.gov.hk/hkss/eng/education/GS/eng/hkg/chapter4.htm
- Kate Owen Gallery, Aboriginal art symbols iconography, www.kateowengallery.com/page/Aboriginal-Art-Symbols.aspx
- Kids.net, Geomorphology, http://encyclopedia.kids.net.au/page/ge/Geomorphology
- Our Dreamings, Aboriginal Education Resource, www.ourdreamings.com, (artists stories, paintings and iconography)
- Mr Nussbaum: Learning and fun, World landforms, http://mrnussbaum.com/wlandforms
- Oxford Big Ideas: Geography Australian Curriculum Years 7–10, Oxford University Press, Landforms and landscapes: www.oup.com.au/secondary/sample_pages/geography
- PBS, Savage Earth (animation), www.pbs.org/wnet/savageearth/animations/hellscrust/main.html
- QCAA, Assessment resource: Cartographic conventions from Year 6 Geography sample assessment — Comparing G20 countries, www.qcaa.qld.edu.au/32687.html.
- QCAA, Assessment resource: Glossary of geographical terms (in this assessment)
- UNESCO, World Heritage Australia, http://whc.unesco.org/en/statesparties/AU
- UNESCO, World Heritage List, http://whc.unesco.org/en/list
- UNESCO, World Heritage and sustainable tourism programme, http://whc.unesco.org/en/tourism
- Worldometer, http://www.worldometers.info/world-population

Objects

 Playdough, clay, plasticine, cardboard or corrugated plastic (such as Corflute) and crayons or paint or other materials for creating a model

Develop assessment

Preparing for the assessment

- Read through the *Student booklet* and the *Task-specific standards* with the students and answer questions about the requirements of the assessment.
- Use the Task-specific standards to assist students to identify their learning goals.
- Use the Assessment resources to prepare for the assessment.
- Locate a range of photographs and digital images to identify landscapes and their distinctive landform features.
- Provide examples of the forms of communication used to present geographical findings in the assessment.
- Use examples to explain geographical terminology identified in Assessment resource: Glossary of geographical terms.
- Review conventions used for communicating geographical information in visual texts, such as infographics, annotated maps, and compound column graphs that use multiple sets of data.
- Use the glossary of the Year 8 Geography standard elaborations to explain descriptors of qualities to the students: www.qcaa.qld.edu.au/downloads/p_10/ac_geog_yr8_se.pdf.
- Provide students with the opportunity to complete learning experiences in the Assessment resources to prepare for the assessments.

Implementing

Section 1. Landscapes and their landform features

•			
 Student role Explore the difference between landforms and landscapes through a photo analysis activity that matches images to descriptors of each phenomenon. Select a photograph of a landscape to use for a line drawing. Complete Section 1 of the <i>Student booklet</i> to create a line drawing of a selected landscape. Check that landform features are clearly labelled in the foreground, middle ground and background of the line drawing. 	 Teacher role Use Assessment resource: Identifying landscapes and their landforms to review specific landform features and examples of each landscape. Provide a range of photographs and images to identify the differences between landscapes and their landforms. Use the teacher notes in Geogspace to review how to complete a line drawing using a photograph: www.geogspace.edu.au/verve /_resources/2.1.2.3_2_photo_sketching.pdf Model the process of developing a line drawing with students as required. Check students have clearly labelled their line drawing with a range of landform features. 		
Section 2. Spatial distribution of landscapes an	d landforms		
Student role Teacher role			

Analyse the spatial distribution of specific landscape and landform types in special purpose maps across different scales. Identify the features that make them similar — latitude, climate, vegetation, e.g. on a global scale look at the distribution of the world's mountain landscapes and at a regional level look at the
Provide a range of maps and source material for students to explore the spatial distribution of different landscapes and landforms. Use spatial applications such as Google Earth as appropriate.
Provide students with:

distribution of landforms such as ridges within Australia.	 Assessment resource: Glossary of geographical terms (in this assessment) 		
• Complete Section 2 of the <i>Student booklet</i> to label a world map with appropriate cartographic conventions, showing spatial distribution of one type of landscape and one type of landform.	 Assessment resource: Cartographic conventions from Year 6 Geography sample assessment — Comparing G20 countries, www.qcaa.qld.edu.au/32687.html. 		
	Check students have used appropriate cartographic conventions to complete their map.		
	 Provide examples of maps showing global spatial distribution of phenomena using sources such as Worldmapper (www.worldmapper.org) as a guide if required. 		
	• Examples of annotated maps developed by students are available in the Year 9 Geography work sample portfolios on the Australian Curriculum website: www.acara.edu.au/curriculum/worksamples/Year_9_Geography_Portfolio.pdf.		
Section 3. Geomorphic processes that produce	e landforms		
Student role	Teacher role		
 Use geographic diagrams and images to create a model of a stack. Take a photograph or make a line sketch of the model and label the features identified in Section 3 of the <i>Student booklet</i>. Check that the labelled diagram shows the geomorphic processes for the formation of this coastal landform. 	 Use Assessment resource: Geomorphic processes in action to review understanding of geomorphic processes represented in cross-sections, diagrams and images. Review the diagram at <i>The British Geographer</i> (http://thebritishgeographer.weebly.com/coasts-of-erosion-and-coasts-of-deposition.html) and the playdough animation <i>Stack formation</i> (www.sophia.org/tutorials/year-8-coastal-landforms) to consider the expectations for this section of the assessment Provide materials for students to complete the assessment in Section 3 of the <i>Student booklet</i>. 		
Section 4. Geomorphological hazards			
 Student role Select one hazard studied in class as a case study. Create an annotated map showing spatial distribution of the hazard event, a diagram showing how the hazard occurs, and a summary of the effects of this hazard. Label the map with the appropriate cartographic conventions including title, legend, border, 	 Teacher role Use Assessment resource: Geomorphological hazards to review with students the selected hazards including labelled diagrams, the locations of selected hazards and the effects of the hazards. Provide examples of cross-sections and other diagrams to show how selected hazards such as volcanic eruptions, earthquakes and tsunamis occur. 		

Section 5. Cultural significance of landscapes Student role **Teacher role** To assist implementation, review the suggested View: • resources for this assessment and advice on Painting Country, http://aso.gov.au/titles/ the QCAA website including: documentaries/painting-country Relationships to Country, www.qcaa.qld. Dreamings through Indigenous art, edu.au/downloads/approach/indigenous www.australiansatwork.com.au/ res005 0803.pdf dreamings/dreamings ar7-8.php. Selecting and evaluating resources, _ Use the question in Section 5 of the Student • www.qcaa.qld.edu.au/downloads/ booklet to take notes during this viewing. approach/indigenous_g008_0712.pdf Discuss what is learnt about the importance of Building relationships with local Country as represented in Aboriginal or Torres communities, Strait Islander artwork with peers and teachers. www.qcaa.qld.edu.au/downloads/approach/ indigenous build relationship.pdf. Complete the explanations in Section 5. Check • adequate detail and examples are provided. Provide students with resources to review the connection between landforms and Country/Place: Assessment resource: Connecting landforms to Country/Place a map showing Australian landforms an Indigenous Languages map, e.g. _ www.abc.net.au/indigenous/map. Provide source material from a range of Aboriginal peoples and Torres Strait Islander peoples and their artworks including from local communities. Inform students that they can present their explanation in written or spoken form. Section 6. Land degradation Student role **Teacher role** Create a simple line graph to show the rate of Review the conventions of different graphical • global population growth over time using forms and explanations of the patterns revealed appropriate conventions. using exemplars, such as Student work sample portfolios for Year 7, 8 and 9 Geography, Describe the patterns revealed in the graph, . www.australiancurriculum.edu.au/humanitiesmaking sure that reference is made to changes and-social-sciences/geography/curriculum/fthat occur over time. 10?layout=1. Consider which type of graph is best suited to • Guide students to make informed choices about compare multiple sets of data, e.g. a compound the type of graph to use in representing data. column graph. Provide access to a range of sources about • Create a graph to represent and compare . land degradation issues related to population proportion of the world's population size and pressure. density. Use examples of student data responses in the • Describe the patterns revealed in the graph and • Year 9 Geography work sample portfolios on draw conclusions about the world's population the Australian Curriculum website (www.acara. distribution.

• Choose a land degradation issue and create a map and data showing location and impact over time. Use this information to propose an explanation, action and outcome of action.

• Students may choose to represent their information in either written or spoken form.

edu.au/curriculum/worksamples/Year_9_ Geography_Portfolio.pdf) to model how to

represent ideas in a graphical form.

	• Use Assessment resource: Land degradation to assist students to consider the impacts on the landscape of continued population growth.
Section 7. Protecting landscapes	
Student role	Teacher role
 Select sources about World Heritage sites in Australia. 	 Use Assessment resource: Protecting significant landscapes to review:
 Create a factsheet about a selected World Heritage site in Australia to include: 	 locations of World Heritage listings in Australia
 a labelled map to show location of the site 	 the significance of these natural sites for preservation for the global community.
 a detailed explanation of the importance of this for preservation on a global scale 	 Provide students with a range of source material to complete Section 7 of the Student
 a detailed explanation of uses of the site and assessment of human impact 	booklet.
 propose an action to protect this site into the future and predict the outcome of this proposal. 	 Use Assessment resource: Graphic organisers in the Year 5 Geography sample assessment – Investigating natural hazards (www.qcaa.qld. edu.au/32656.html) to assist students organise ideas and information as required.
	• Provide exemplars of factsheets that provide information at a glance and clearly communicate findings.

Make judgments

When making judgments about the evidence in student's responses to this assessment, teachers are advised to use the task-specific standards provided. The development of these task-specific standards has been informed by the Queensland Geography standard elaborations. See www.qcaa.qld.edu.au/downloads/p_10/ac_geog_yr8_se.pdf.

The Queensland standard elaborations for Geography

The Queensland Year 8 standard elaborations for Geography are a resource to assist teachers to make consistent and comparable evidence-based A to E (or the Early Years equivalent) judgments. They should be used in conjunction with the Australian Curriculum achievement standard and content descriptions for the relevant year level.

The Queensland Geography standard elaborations provide a basis for judging *how well* students have demonstrated what they know, understand and can do using the Australian Curriculum achievement standard.

The Australian Curriculum achievement standards dimensions of Understanding and Skills are used to organise the Queensland Geography standard elaborations.

The valued features of Geography, drawn from the achievement standard and the content descriptions are organised as:

- Geographical Knowledge and understanding
- Questioning and researching
- Interpreting and analysing
- Communicating.

Task-specific standards

Task-specific standards give teachers:

- · a tool for directly matching the evidence of learning in the response to the standards
- a focal point for discussing students' responses
- a tool to help provide feedback to students.

Task-specific standards are not a checklist; rather they are a guide that:

- highlights the valued features that are being targeted in the assessment and the qualities that will inform the overall judgment
- specifies particular targeted aspects of the curriculum content and achievement standard
- aligns the valued feature, task-specific descriptor and assessment
- allows teachers to make consistent and comparable on-balance judgments about a child's work by matching the qualities of students' responses with the descriptors
- clarifies the curriculum expectations for learning at each of the five grades (A–E or the Early Years equivalent)
- shows the connections between what students are expected to know and do, and how their responses will be judged and the qualities that will inform the overall judgment
- supports evidence-based discussions to help students gain a better understanding of how they
 can critique their own responses and achievements, and identify the qualities needed to
 improve
- encourages and provides the basis for conversations among teachers, students and parents/carers about the quality of students' work and curriculum expectations and related standards.

Task-specific valued features

Task-specific valued features are the discrete aspects of the valued features of Geography targeted in a particular assessment and incorporated into the task-specific standards for that assessment. They are selected from the Queensland Geography standard elaborations valued features drawn from the Australian Curriculum achievement standard and content descriptions.

Task-specific valued features for this assessment

The following table identifies the valued features for this assessment and makes explicit the understandings and skills that students will have the opportunity to demonstrate. This ensures that the alignment between what is taught, what is assessed and what is reported is clear.

Australian Curriculum achievement standard dimensions	Valued features		Task-specific valued features	
	Geographical Knowledge and Understanding	Knowledge and understanding	 Explains: geographical processes that influence the characteristics of places and of how places are perceived and valued differently interconnections within environments and between people and places and of how they change places and environments spatial distributions and patterns among phenomena and identification of associations between distribution patterns Sections 1–7 	
Understanding and Skills	Geographical Inquiry and Skills	Interpreting and analysing	Analyses geographical data and other information to explain spatial distribution, trends, and relationships and draw discerning and reasoned conclusions Proposes action in response to protecting landscapes taking into account environmental and/or social considerations Predicts the outcome of the proposal of action Sections 6 and 7	
		Communicating	Presents findings, arguments and ideas using relevant geographical terminology and graphic representations in a range of appropriate forms including a labelled sketch, labelled diagram, annotated maps and a factsheet Represents data and the location and distribution of landscapes and landforms in a range of appropriate graphic forms such as a special purpose map and a line graph that conform to conventions	

The task-specific standards for this assessment are provided in two models using the same task-specific valued features:

- a matrix
- a continua

Matrix and continua

Task-specific standards can be prepared as a matrix or continua. Both the continua and the matrix:

- use the Queensland standard elaborations to develop task-specific descriptors to convey expected qualities in students' work A to E (or the Early Years equivalent)
- highlight the same valued features from the Queensland standard elaborations that are being targeted in the assessment and the qualities that will inform the overall judgment
- incorporate the same task-specific valued features, i.e. make explicit the particular understanding/skills that students have the opportunity to demonstrate for each selected valued feature
- provide a tool for directly matching the evidence of learning in the child's response to the standards to make an on-balance judgment about achievement
- assist teachers to make consistent and comparable evidence-based A to E (or the Early Years equivalent) judgments.

Continua

The continua model of task-specific standards uses the dimensions of the Australian Curriculum achievement standard to organise task-specific valued features and standards as a number of reference points represented progressively along an A to E (or Early Years equivalent) continuum. The task-specific valued features at each point are described holistically. The task-specific descriptors of the standard use the relevant degrees of quality described in the Queensland standard elaborations.

Teachers determine a position along each continuum that best matches the evidence in the student's responses to make an on-balance judgment about achievement on the task.

The continua model is a tool for making an overall on-balance judgment about the assessment and for providing feedback on task specific valued features.

Matrix

The matrix model of task-specific standards uses the structure of the Queensland standard elaborations to organise the task-specific valued features and standards A to E (or the Early Years equivalent). The task-specific descriptors of the standard described in the matrix model use the same degrees of quality described in the Queensland standard elaborations.

Teachers make a judgment about the task-specific descriptor in the A to E (or the Early Years equivalent) cell of the matrix that best matches the evidence in the student's responses in order to make an on-balance judgment about how well the pattern of evidence meets the standard.

The matrix is a tool for making both overall on-balance judgments and analytic judgments about the assessment. Achievement in each valued feature of the Queensland standard elaboration targeted in the assessment can be recorded and feedback can be provided on the task-specific valued features.

Use feedback

Feedback to students	 Evaluate the information gathered from the assessment to inform teaching and learning strategies. Focus feedback on the student's personal progress and the next steps in the learning journey. Offer feedback that: models the features and conventions of each communication form identified in the assessment using guiding teaching and collaboratively developed exemplars directs the student to focus on the requirements of each section of the assessment provides clarity about the meaning of geographical terms focuses on the evidence of learning identified in the task-specific standards that matches to student learning goals.
Resources	 For guidance on providing feedback, see the professional development packages titled: <i>About feedback</i> www.qcaa.qld.edu.au/downloads/p_10/as_feedback_about.docx Seeking and providing feedback www.qcaa.qld.edu.au/downloads/p_10/as_feedback_provide.docx

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Purpose of assessment: Present findings and representations of data and information about landscapes and their landforms in a collection of work using a range of appropriate communication forms.

Understanding and Skills						
Geographical Knowledge and Understanding	Geographical Inquiry and Skills					
Knowledge and understanding	Interpreting and analysing	Communicating				
 Explains: geographical processes that influence the characteristics of places and of how places are perceived and valued differently interconnections within environments and between people and places and of how they change places and environments spatial distributions and patterns among phenomena and identification of associations between distribution patterns Sections 1–7 	Analyses geographical data and other information to explain spatial distribution, trends, and relationships and draw discerning and reasoned conclusions Proposes action in response to protecting landscapes, taking into account environmental and/or social considerations Predicts the outcome of the proposal of action Sections 6 and 7	Presents findings, arguments and ideas using relevant geographical terminology and graphic representations in a range of appropriate forms including a labelled sketch, labelled diagram, annotated maps and a factsheet Represents data and the location and distribution of landscapes and landforms in a range of appropriate graphic forms such as a special purpose map and a line graph that conform to conventions Sections 1–7				
 Comprehensively explains in detail: geographical processes that influence the characteristics of places and of how places are perceived and valued differently interconnections within environments and between people and places and of how they change places and environments spatial distributions and patterns among phenomena 	Analyses geographical data and other information to explain spatial distribution, trends, and relationships and draw discerning and reasoned conclusions. Proposes considered action in response to protecting landscapes that prioritise environmental and social considerations. Predicts the comprehensive outcome of the proposal of action	Clearly and purposefully presents findings, arguments and ideas using relevant geographical terminology in appropriate contexts and graphic representations in a range of forms including a labelled sketch, labelled diagram, annotated maps and a factsheet. Accurately represents data and the location and distribution of landscapes and landforms in a range of appropriate graphic forms such as a special purpose map and a line graph that conform to conventions accurately and	A			
and identification of associations between distribution patterns		consistently	в			
 Explains: geographical processes that influence the characteristics of places and of how places are perceived and valued differently interconnections within environments and between people and places and of how they change places and environments spatial distributions and patterns among phenomena and identification of associations between distribution patterns 	Analyses geographical data and other information to explain spatial distribution, trends, and relationships and draw reasoned conclusions. Proposes action in response to protecting landscapes, taking into account environmental and social considerations. Predicts the outcome of the proposal of action	Presents findings, arguments and ideas using relevant geographical terminology and graphic representations in a range of appropriate forms including a labelled sketch, labelled diagram, annotated maps, and a factsheet. Represents data and the location and distribution of landscapes and landforms in a range of appropriate graphic forms such as a special purpose map and a line graph that conform to conventions	с			

Australian Curriculum	Investigating landscapes and their landforms	Task-specific standards — continua	
Year 8 Geography	Unit 1: Landforms and landscapes		

Understanding and Skills						
Geographical Knowledge and Understanding Geographical Inquiry and Skills						
Knowledge and understanding	Interpreting and analysing	Communicating				
 Explains: geographical processes that influence the characteristics of places and of how places are perceived and valued differently interconnections within environments and between people and places and of how they change places and environments spatial distributions and patterns among phenomena and identification of associations between distribution patterns Sections 1–7 	Analyses geographical data and other information to explain spatial distribution, trends, and relationships and draw reasoned conclusions Proposes action in response to protecting landscapes, taking into account environmental and/or social considerations Predicts the outcome of the proposal of action Sections 6 and 7	Presents findings in a multimodal presentation that uses relevant geographical terminology. Represents data and information about water scarcity in graphs and a special purpose map that conform to conventions Sections 1–7				
 Makes statements about: geographical processes that influence the characteristics of places and different perceptions and values about places interconnections within environments and between people and places and of how they change places and environments spatial distributions, patterns and associations 	 Use of geographical data and other information to identify spatial distribution, trends, and relationships and state unclear conclusions. States action related to protection of landscapes. Makes statements about the outcome of the proposal of action. 	Unevenly presents a narrow range of ideas using minimal geographical terminology and incomplete graphic representations. Unevenly represents data and the location and distribution of landscapes and landforms in imprecise graphic forms that use minimal conventions				

Name

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Purpose of assessment: Present findings and representations of data and information about landscapes and their landforms in a collection of work using a range of appropriate communication forms.

				А	В	С	D	E
Skills	dge	anding	 Explains: geographical processes that influence the characteristics of places and of how places are perceived and valued differently 	 Comprehensively explains in detail: geographical processes that influence the characteristics of places and of how places are perceived and valued differently 	 Explains in detail: geographical processes that influence the characteristics of places and of how places are perceived and valued differently 	 Explains: geographical processes that influence the characteristics of places and of how places are perceived and valued differently 	 Partially describes: geographical processes that influence the characteristics of places and of how places are perceived and valued differently 	 Makes statements about: geographical processes that influence the characteristics of places and different perceptions and values about places
Understanding and Sh	Geographical Knowledge and Understanding	Knowledge and understanding	 interconnections within environments and between people and places and of how they change places and environments 	 interconnections within environments and between people and places and of how they change places and environments 	• interconnections within environments and between people and places and of how they change places and environments	 interconnections within environments and between people and places and of how they change places and environments 	• interconnections within environments and between people and places and of how they change places and environments	 interconnections within environments and between people and places and of how they change places and environments
5	ŏ	Knov	 spatial distributions and patterns among phenomena and identification of associations between distribution patterns Sections 1–7 	 spatial distributions and patterns among phenomena and identification of associations between distribution patterns 	 spatial distributions and patterns among phenomena and identification of associations between distribution patterns 	 spatial distributions and patterns among phenomena and identification of associations between distribution patterns 	 spatial distributions and patterns among phenomena and identification of simple associations 	 spatial distributions, patterns and associations

Continues over page

Australian Curriculum	Investigating landscapes and their landforms	Task-specific standards — matrix
Year 8 Geography	Unit 1: Landforms and landscapes	

Name

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				Α	В	С	D	E
		analysing	Analyses geographical data and other information to explain spatial distribution, trends, and relationships and draw discerning and reasoned conclusions	Analyses geographical data and other information to explain spatial distribution, trends, and relationships and draw discerning and reasoned conclusions	Analyses geographical data and other information to explain spatial distribution, trends, and relationships and draw effective and reasoned conclusions	Analyses geographical data and other information to explain spatial distribution, trends, and relationships and draw reasoned conclusions	Superficially analyses geographical data and other information to identify spatial distribution, trends, and relationships and draw simple conclusions	Use of geographical data and other information to identify spatial distribution, trends, and relationships and state unclear conclusions
	ills	interpreting and a	Proposes action in response to protecting landscapes, taking into account environmental and/or social considerations	Proposes considered action in response to protecting landscapes that prioritise environmental and social considerations	Proposes appropriate action in response to protecting landscapes, taking into account environmental and social considerations	Proposes action in response to protecting landscapes, taking into account environmental and social considerations	Proposes obvious action in response to protecting landscapes, taking into account environmental and/or social considerations	States action related to protection of landscapes
ind Skills	ry and Skills	inte	Predicts the outcome of the proposal of action Sections 6 and 7	Predicts the comprehensive outcome of the proposal of action	Predicts the detailed outcome of the proposal of action	Predicts the outcome of the proposal of action	Predicts aspects of the outcome of the proposal of action	Makes statements about the outcome of the proposal of action
Understanding and	Geographical Inquiry	Communicating	Presents findings, arguments and ideas using relevant geographical terminology and graphic representations in a range of appropriate forms including a labelled sketch, labelled diagram, annotated maps and a factsheet	Clearly and purposefully presents findings, arguments and ideas using relevant geographical terminology in appropriate contexts and graphic representations in a range of forms including a labelled sketch, labelled diagram, annotated maps and a factsheet	Effectively presents findings, arguments and ideas using relevant geographical terminology and graphic representations in a range of appropriate forms including a labelled sketch, labelled diagram, annotated maps and a factsheet	Presents findings, arguments and ideas using relevant geographical terminology and graphic representations in a range of appropriate forms including a labelled sketch, labelled diagram, annotated maps and a factsheet	Presents a narrow range of findings, arguments and ideas using geographical terminology and graphic representations in a range of forms including a labelled sketch, labelled diagram, annotated maps and a factsheet	Unevenly presents a narrow range of ideas using minimal geographical terminology and incomplete graphic representations
		Comr	Represents data and the location and distribution of landscapes and landforms in a range of appropriate graphic forms such as a special purpose map and a line graph that conform to conventions Sections 1–7	Accurately represents data and the location and distribution of landscapes and landforms in a range of appropriate graphic forms such as a special purpose map and a line graph that conform to conventions accurately and consistently	Effectively represents data and the location and distribution of landscapes and landforms in a range of appropriate graphic forms such as a special purpose map and a line graph that conform to conventions	Represents data and the location and distribution of landscapes and landforms in a range of appropriate graphic forms such as a special purpose map and a line graph that conform to conventions	Partially represents data and the location and distribution of landscapes and landforms in simple graphic forms such as such as a special purpose map and a line graph that use some conventions	Unevenly represents data and the location and distribution of landscapes and landforms in imprecise graphic forms that use minimal conventions

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Identifying landscapes and their distinctive landform features

Research and identify specific landforms that are evident in each landscape image to complete the tables.

The first table has been completed for you as an example.

• Val	Mountains Valley Wetlands	 Amazon Rainforest, South America
Image: Searce: Exiter Exiter Exiter States (42858), Robert Lindel, CE Y 2.0 https://flic.kr/pf0FCK		



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Landscape — Coastal landscape	Landforms evident	Examples
Image source: Puerto Rico Vista, Trish Hartmann,CC BY 2.0. https://flic.kr/p/dCaHuT	-	

Landscape — Desert landscape	Landforms evident	Examples
<image/>		
Image source: Paiute Wilderness, Bob Wick, Bureau of Land Management, California, CC BY 2.0. https://flic.kr/p/fm1d86		

Landscape —	Coastal landscape	Landforms evident	Examples
DIANT			
	And the state of t		
Image source: Island, Wonderlane, CC BY 2	isthmus, surrounded by the blue Pacific Ocean and the equally blue sky, in southern California coast, USA, .0. https://flic.kr/p/86TQ9F		

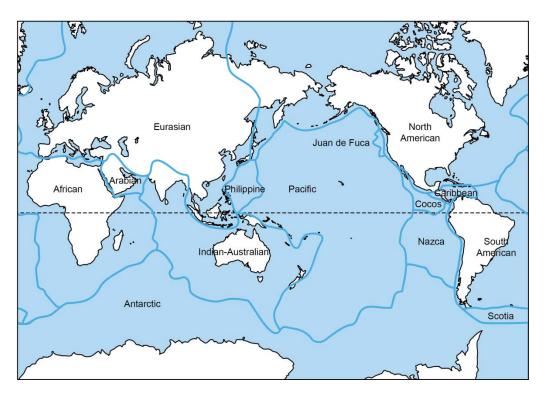
Landscape	Landforms evident	Examples
This table has been left blank for you to include a landscape of your own choosing.		
Image source:		

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Geomorphic processes in action

What is geomorphology?

The earth's surface is like a jigsaw consisting of a series of plates called tectonic plates.

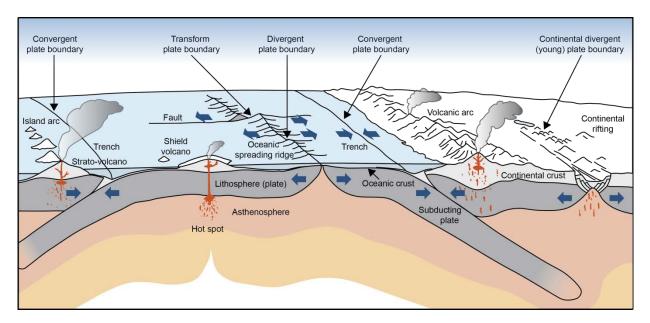






These plates are continually moving and at the boundaries of the plates landforms are created.

Analyse the diagram below to match the **type of boundary** with the correct description and the **landform** that is created at each type of boundary. Record this in the table below.



	Type of boundary	Landform
Plate Plate		
Plate Plate Asthenosphere		
Plate Plate		

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Geomorphological hazards

Plate activity creates a range of geomorphological hazards such as volcanic eruptions, earthquakes and tsunamis.

Complete the table to identify:

- · how each of these hazards occurs, using a labelled diagram
- one location where this hazard has had a devastating impact on human settlements
- the effects of this hazard.

Type of hazard	Labelled diagram of the geomorphological processes	Location and effects
Volcanic eruption		
Earthquake		
Tsunami		





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Connecting landforms to Country/place

Use a map of Indigenous language groups (such as the one at www.abc.net.au/indigenous/map) and a map of Australian landforms to match the landforms listed below with the language groups that belong to that country.

Landform	Location	Language groups
Uluru		
Three Sisters		
Karlu Karlu (Devils Marbles)		
Rainbow Beach — Coloured Sand Cliffs		
Mossman Gorge		
Wilpena Pound		
Koonalda Cave		
The Pinnacles		
Baranguba (Montague Island)		
Mt Buninyong		
Cradle Mountain		
Bald Rock		



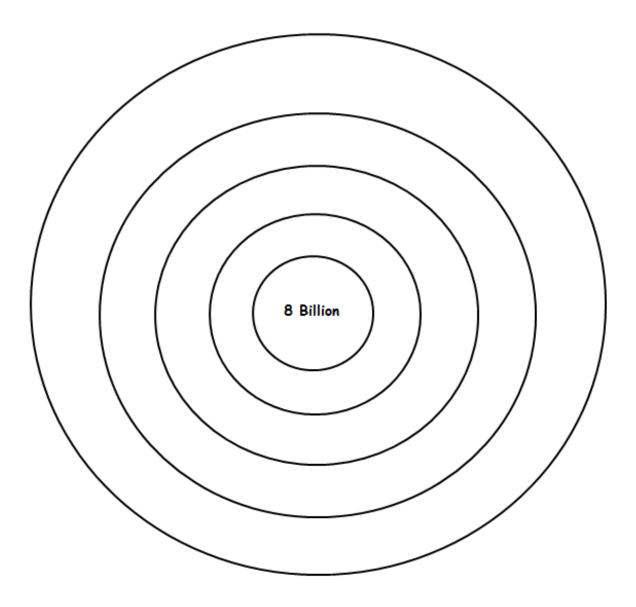


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Land degradation

A *futures wheel* is a visual way of representing the future consequences of a particular change or development.

- Think about the **resources** we need to sustain life for the global population.
- Use the futures wheel below to **predict** what the impact on the earth's environment might be.







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Protecting significant landscapes

World Heritage listing is designed to provide protection to our cultural and natural sites of significance. Australia is home to a range of both cultural and natural sites that are listed on the World Heritage Register.

1. What is World Heritage listing? How does it act to protect places of significance?

..... 2. Describe how we can sustainably make use of World Heritage sites in ways that allow human interaction without damage to or destruction of these special places. (Use the UNESCO





3. Create a map showing the location of Australia's World Heritage sites — make sure your key differentiates *natural* from *cultural* sites. (Your map could be digital, e.g. Google Earth, or paper.)



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Glossary of geographical terms

Term	Definition
landscape	A landscape is the visible appearance of an area, created by a combination of geological, geomorphological, biological, and cultural layers that have evolved over time, and as perceived, portrayed and valued by people. A <i>geomorphic landscape</i> is the landscape without the biological and cultural layers
landform	The individual surface features of the Earth identified by their shape, e.g. dunes, plateaux, canyons, beaches, plains, rivers and valleys
geographical processes	The physical and human forces that work in combination to form and transform the world, e.g. erosion, the water cycle, migration or urbanisation. Geographical processes can operate within and between places
spatial distribution	The arrangement of particular phenomena or activities across the surface of the Earth
weathering	The physical or chemical breakdown of materials into smaller materials
erosion	The process by which the surface of the earth is worn and transported away by the action of water, glaciers, winds, waves.
geomorphological hazards	Hazards that originate from the lithosphere including volcanic eruptions, tsunamis, earthquakes, landslides and avalanches
land degradation	Degradation occurs through human actions and includes salinity, accelerated soil erosion, the spread of weeds, loss of biodiversity and habitats and water pollution
World Heritage site	A place listed by the United Nations Educational, Scientific and Cultural Organisation (UNESCO) as of special cultural or natural significance for preservation for the global community
pattern	A regularity in data; reoccurrence
relationship	Cause and effect, how one affects and changes the other
line drawing	In geography, line drawings are illustrations made using a photograph to record features about a landform or landscape. A line drawing is divided into foreground, middle ground and background so that the features of a photograph or image can be accurately labelled and explained
Annotated map	In Geography, annotations are added to maps to add details and explanations about geographical phenomena
stack	A geological landform consisting of a steep and often vertical column or column of rock in the sea near a coast, formed by erosion





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Image: Yukon Delta, Alaska. NASA's Earth Observatory. CC BY 2.0. https://flic.kr/p/azeGX2

Present findings and representations of data and information about landscapes and their landforms in a collection of work using a range of appropriate communication forms.

You will:

- develop a collection of work in class to demonstrate your knowledge, understanding and skills about landforms and landscapes
- use a range of sources to complete a series of learning projects.





Section	Торіс	Evidence of learning
1	Landscapes and their landform features	Labelled line drawing (from a photograph) of one landscape and specific landforms
2	Spatial distribution of landscapes and landforms	Special purpose map showing the spatial distribution of one type of landscape and one related landform within that landscape
3	Geomorphic processes that produce landforms	Annotated photograph (or sketch) of a landform model you have created to explain geomorphic processes
4	Geomorphological hazards	 Annotated map including the spatial distribution of one hazard Diagram showing how the hazard occurs Summary of the hazard's effects
5	Cultural significance of landscapes	Explanation of an artwork of a landscape or landform by an Aboriginal or Torres Strait Islander artist
6	Landscape degradation	Supported explanation and analysis of a selected land degradation issue
7	Protecting landscapes	Factsheet with labelled map about one of Australia's natural World Heritage sites

Section 1. Landscapes and their landform features

Your teacher will provide you with the resource Identifying landscapes and their distinctive landform features.

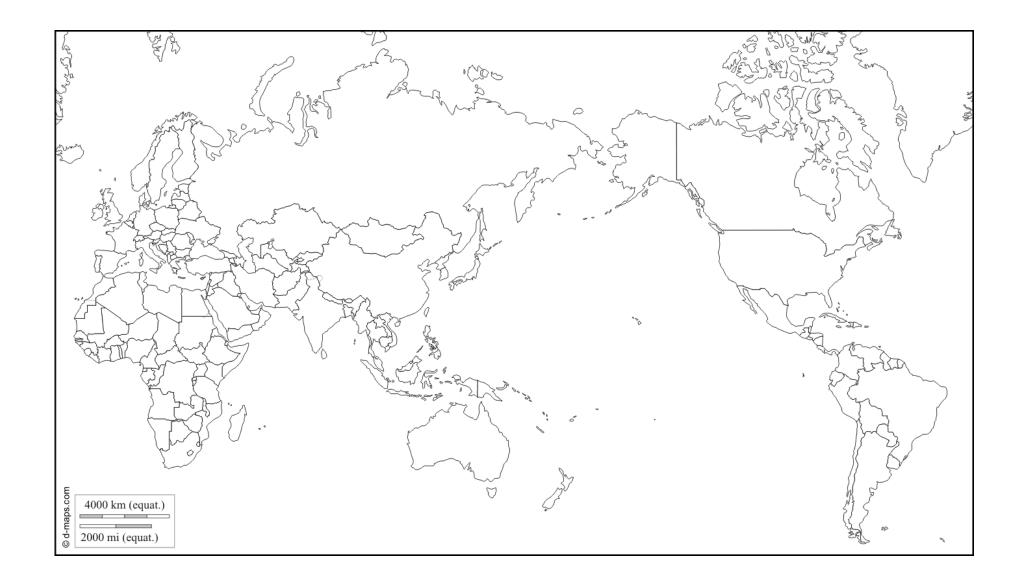
Choose one image of a landscape:

- create a line drawing or sketch of this landscape in the space below
- **label** each of the **different landforms**, and other features, in your drawing.

Section 2. Spatial distribution of landscapes and landforms

Your teacher will provide you with a glossary of geographical terms and cartographic conventions.

- 1. On the map of the world, shade in the **spatial distribution** of:
 - a. one type of landscape, e.g. desert, coastal
 - b. one type of landform found in that landscape, e.g. grassland plain, mountain, wetland, headland
- 2. Label your map with the appropriate cartographic conventions including:
 - □ title
 - □ legend (key)
 - \Box border
 - □ source
 - \Box north point.



Section 3. Geomorphic processes that produce landforms

Over time landforms take shape through processes of weathering and erosion.

A landform that has been created through the process of erosion is a stack. The stacks are formed in stages over long periods of time.



The Twelve Apostles in Victoria are an example of a stack

Image: Two of the Twelve Apostles, Martin Coopers photostream, Creative Commons Attribution 2.0. https://flic.kr/p/kaguxZ

- 1. Create a **model** to show the process of stack formation, ensuring that you have included all of the following features:
 - □ crack
 - □ cave
 - □ arch
 - □ headland
 - □ stack
 - □ stump.
- 2. Take a **photograph** or make a **labelled sketch** of your model.
- 3. Annotate your photograph or sketch to explain the process of stack formation.

Section 4. Geomorphological hazards

Select one of the following geomorphological hazards studied in class:

- volcanic eruption
- earthquake
- tsunami.

Create an annotated map to include:

- the spatial distribution of one hazard event
- a diagram showing how the hazard occurs
- a summary of effects of this hazard.

Use cartographic conventions including:

- □ title
- □ legend (key)
- □ border
- □ source
- \Box north point.

Check you have:

- $\hfill\square$ positioned your annotations appropriately on your map
- $\hfill\square$ selected relevant ideas and information
- □ used relevant geographical terminology
- □ clearly labelled your diagram/s
- □ represented information clearly.



Section 5. Cultural significance of landscapes

View the video clips:

- Balgo, Maps of the Country, Kiwirrkurra http://aso.gov.au/titles/documentaries/painting-country From Painting Country, 2000, Electric Pictures, Robin Eastwood Productions, SBS Independent & NHK.
- Dreamings through Indigenous art www.australiansatwork.com.au/dreamings/dreamings_ar7-8.php
 From Dreamings — the Art of Aboriginal Australia, 1988, Australians At Work, Film Australia, 2005.

While viewing, make notes about:

□ who owns the Dreaming stories associated with Country

- □ the ways these stories are passed on between generations (use examples from the video clips to support your answer).
- □ how art is used to represent the patterns of the landscape and features of landforms
- □ how interconnections are made between places and people and their culture in paintings
- □ how symbols are used to represent ideas in paintings.

Explain the importance of Country to Aboriginal peoples and Torres Strait Islander peoples that is represented in artwork.

Use your notes and examples from the video clips to help you develop the explanation.

 Select a piece of Aboriginal art that **represents a birds-eye view of a landscape**.

- **Annotate** the photograph of the artwork with relevant descriptors before writing your paragraph. (You may need to re-watch the *Painting Country* video clips again and research what some of the symbols mean).
- **Describe** the artist's representation of the landscape of their Country.
- **Explain** how the symbols are used to tell the story of the landform/landscape.

Annotated photograph

Describe and explain:

Section 6. Land degradation

Population growth, if not managed, might have a negative impact on the quality of the Earth's resources and cause land degradation.

Create a line graph

Use the data in Table 1 to **create a simple line graph** representing the rate of global population growth between1950 and 2050.

Remember to use the appropriate labels.

Table 1

Year	Population in billions
1927	2
1950	2.55
1960	3
1974	4.5
1987	5
1999	6
2011	7
2024 (predicted)	8
2040 (predicted)	9
2062 (predicted)	10
Data source: Worldometers.	

www.worldometers.info/world-population



Graph 1

Describe the pattern over time of the world's population growth (as shown in your graph) and **give reasons** for this pattern.

Choose an appropriate graph and labels to represent the data in Table 2. (You must choose the type of graph best suited to the type of data). Make sure you use the appropriate conventions.

Table 2

2013 population	% of World Pop.	Density (p/km²)
Asia	4 298 723 288	31 915 446
Africa	1 110 635 062	30 955 880
Europe	742 452 170	23 048 931
Latin America and Caribbean	616 644 503	20 546 598
Northern America	355 360 791	21 775 893
Oceania	38 303 620	8 563 295
WORLD	7 162 119 434	136 806 988
Data source: Worldometers.info. www.worldometers.info/world-population/#top		

Graph 2

Describe the **patterns** of population distribution and density as shown in Graph 2.

What **conclusions** can you draw from this data about population pressure on the Earth's resources?

Choose a land degradation issue (e.g. deforestation, salinity, erosion, desertification, toxic pollution) and create:

- □ **a map** showing where it is occurring
- □ data showing its impact on the landscape over time.

Use your map and data to propose:

- an explanation about the impact of your chosen land degradation issue
- action in response to this issue
- predicted outcomes of the action.

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Section 7. Protecting landscapes

Create a factsheet which includes:

- □ the **location** of one of Australia's natural World Heritage sites on a **labelled map**, using spatial technology if appropriate
- □ a **detailed explanation** of the importance of this site and why is it listed as a World Heritage site
- □ a **detailed explanation** of human use of this site and whether it meets the requirements for sustainable development
- □ a **proposed action** to protect this site
- \Box a **prediction** of the outcome of this proposal.

