

**Rationale**

In a world of increasing global integration and international mobility, it is critical to the wellbeing and sustainability of the environment and society that young Australians develop a holistic understanding of the world. This requires deep knowledge and understanding of why the world is the way it is and the interconnections between people, places and environments over place and time.

The Australian Curriculum: Geography empowers students to shape change for a socially just and sustainable future. Geography inspires curiosity and wonder about the diversity of the world's places, peoples, cultures and environments. Through a structured way of exploring, analysing and understanding the characteristics of the places that make up our world, Geography enables students to question why the world is the way it is, and reflect on their relationships with and responsibilities for that world.

Geography teaches students to respond to questions in a geographically distinctive way; plan inquiries; collect, evaluate, analyse and interpret information; and suggest responses to what they have learnt. Geography provides students with opportunities to develop a wide range of general skills, capabilities and dispositions that can be applied in everyday life and at work. The subject helps students to develop information and communication technology skills; an appreciation and respect for social, cultural and religious diversity and different perspectives; an understanding of ethical research principles; a capacity for teamwork; and an ability to solve problems and to think critically and creatively.

Geography helps students to be regional and global citizens capable of active and ethical participation.

**Year 9 Achievement Standard**

By the end of Year 9, students explain how geographical processes change the characteristics of places. They analyse interconnections between people, places and environments and explain how these interconnections influence people, and change places and environments. They predict changes in the characteristics of places over time and identify the possible implications of change for the future. Students analyse alternative strategies to a geographical challenge using environmental, social and economic criteria.

Students use initial research to identify geographically significant questions to frame an inquiry. They evaluate a range of primary and secondary sources to select and collect relevant and reliable geographical information and data. They record and represent multi-variable data in a range of appropriate digital and non-digital forms, including a range of maps that comply with cartographic conventions. They use a range of methods and digital technologies to interpret and analyse maps, data and other information to propose explanations for patterns, trends, relationships and anomalies across time and space, and to predict outcomes. Students synthesise data and information to draw reasoned conclusions. They present findings, arguments and explanations using relevant geographical terminology and digital representations in a range of appropriate communication forms. Students propose action in response to a geographical challenge, taking account of environmental, economic and social factors, and predict the outcomes and consequences of their proposal.

**Aims**

The Australian Curriculum: Geography aims to ensure that students develop:

- a sense of wonder, curiosity and respect about places, people, cultures and environments throughout the world
- a deep geographical knowledge of their own locality, Australia, the Asia region and the world
- the ability to think geographically, using geographical concepts
- the capacity to be competent, critical and creative users of geographical inquiry methods and skills
- as informed, responsible and active citizens who can contribute to the development of an environmentally and economically sustainable, and socially just world.

**Key Ideas**

Through their learning in each subject or sub-strand, students develop knowledge and understanding relating to broader enduring ideas that underpin the Humanities and Social Sciences in the Australian Curriculum, which are represented in varying ways across the subjects. The key ideas are outlined below:

**Who we are, who came before us, and traditions and values that have shaped societies**

Students explore their own identity, Australia's heritage and cultural diversity, and Australia's identity as a nation in the world. They examine the significance of traditions and shared values within society.

**How societies and economies operate and how they are changing over time**

Students learn about Australian society and other societies in the world, both past and present; and how they function socially, culturally, economically and politically. Students examine developments that have resulted in or are bringing about change.

**The ways people, places, ideas and events are perceived and connected**

Students are provided with opportunities to explore different perceptions of people, places, ideas and events. They develop an understanding of the interdependent nature of the world and the interrelationships within and between the natural environment, human communities and economies. They explore how people, ideas and events are connected over time and increasingly interconnected across local, national, regional and global contexts.

**How people exercise their responsibilities, participate in society and make informed decisions**

Students examine how individuals and groups have participated in and contributed to society past and present. They examine the rights and responsibilities of individuals and groups over time and in different contexts. They develop an understanding of the need to make decisions, the importance of ethical considerations and being informed when making decisions, the processes for decision-making and the implications of decisions that are made for individuals, society, the economy and the environment.

**Year 9 Level Description**

There are two units of study in the Year 9 curriculum for Geography: 'Biomes and food security' and 'Geographies of interconnections'.

'Biomes and food security' focuses on investigating the role of the biotic environment and its role in food and fibre production. This unit examines the biomes of the world, their alteration and significance as a source of food and fibre, and the environmental challenges of and constraints on expanding food production in the future. These distinctive aspects of biomes, food production and food security are investigated using studies drawn from Australia and across the world.

'Geographies of interconnections' focuses on investigating how people, through their choices and actions, are connected to places throughout the world in a wide variety of ways, and how these connections help to make and change places and their environments. This unit examines the interconnections between people and places through the products people buy and the effects of their production on the places that make them. Students examine the ways that transport and information and communication technologies have made it possible for an increasing range of services to be provided internationally, and for people in isolated rural areas to connect to information, services and people in other places. These distinctive aspects of interconnection are investigated using studies drawn from Australia and across the world.

The content of this year level is organised into two strands: geographical knowledge and understanding, and geographical inquiry and skills. These strands are interrelated and have been developed to be taught in an integrated manner, and in ways that are appropriate to specific local contexts. The order and detail in which they are taught are programming decisions.

**Key inquiry questions**

A framework for developing students' geographical knowledge, understanding and skills is provided through the inclusion of inquiry questions and specific inquiry skills, including the use and interpretation of maps, photographs and other representations of geographical data.

The key inquiry questions for Year 9 are:

- What are the causes and consequences of change in places and environments and how can this change be managed?
- What are the future implications of changes to places and environments?
- Why are interconnections and interdependencies important for the future of places and environments?

# HUMANITIES AND SOCIAL SCIENCES- GEOGRAPHY

## Structure

In the Australian Curriculum, the Humanities and Social Sciences learning area comprises five subjects: F–6/7 Humanities and Social Sciences, and Years 7–10 History, Geography, Civics and Citizenship and Economics and Business. In all five subjects, the curriculum is organised into two broad interrelated strands: knowledge and understanding, and inquiry and skills.

In the F–6/7 Humanities and Social Sciences curriculum, history, geography, civics and citizenship and economics and business are presented as sub-strands of the knowledge and understanding strand. In these years, students are introduced to history and geography from Foundation Year, civics and citizenship in Year 3 and economics and business in Year 5. In Years 7–10, the curriculum is organised by subject. In Years 9 and 10, student access to Geography, Civics and Citizenship and Economics and Business will be determined by school authorities or individual schools.

## Year 9 Content Descriptions

### Geographical Knowledge and Understanding

#### Biomes and food security

Distribution and characteristics of biomes as regions with distinctive climates, soils, vegetation and productivity.

Human alteration of biomes to produce food, industrial materials and fibres, and the use of systems thinking to analyse the environmental effects of these alterations.

Environmental, economic and technological factors that influence crop yields in Australia and across the world.

Challenges to food production, including land and water degradation, shortage of fresh water, competing land uses, and climate change, for Australia and other areas of the world.

The capacity of the world's environments to sustainably feed the projected future global population.

#### Geographies of interconnections

The perceptions people have of place, and how these influence their connections to different places.

The way transportation and information and communication technologies are used to connect people to services, information and people in other places.

The ways that places and people are interconnected with other places through trade in goods and services, at all scales.

The effects of the production and consumption of goods on places and environments throughout the world and including a country from North-East Asia.

The effects of people's travel, recreational, cultural or leisure choices on places, and the implications for the future of these places.

### Geographical Inquiry and Skills

#### Observing, questioning and planning

Develop geographically significant questions and plan an inquiry that identifies and applies appropriate geographical methodologies and concepts.

#### Collecting, recording, evaluating and representing

Evaluate sources for their reliability, bias and usefulness and select, collect, record and organise relevant geographical data and information, using ethical protocols, from a range of appropriate primary and secondary sources.

Represent multi-variable data in a range of appropriate forms, for example scatter plots, tables, field sketches and annotated diagrams, with and without the use of digital and spatial technologies.

Represent spatial distribution of geographical phenomena by constructing special purpose maps that conform to cartographic conventions, using spatial technologies as appropriate.

#### Interpreting, analysing and concluding

Interpret and analyse multi-variable data and other geographical information using qualitative and quantitative methods, and digital and spatial technologies as appropriate, to make generalisations and inferences, propose explanations for patterns, trends, relationships and anomalies, and predict outcomes.

Apply geographical concepts to synthesise information from various sources and draw conclusions based on the analysis of data and information, taking into account alternative points of view.

Identify how geographical information systems (GIS) might be used to analyse geographical data and make predictions.

#### Communicating

Present findings, arguments and explanations in a range of appropriate communication forms, selected for their effectiveness and to suit audience and purpose; using relevant geographical terminology, and digital technologies as appropriate.

#### Reflecting and responding

Reflect on and evaluate findings of an inquiry to propose individual and collective action in response to a contemporary geographical challenge, taking account of environmental, economic, political and social considerations; and explain the predicted outcomes and consequences of their proposal.