**Unit Title: Biomes and Food Security**

**Brief Summary:** Students investigate the role of the biotic environment and its role in food and fibre production. They examine 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, using studies from Australia and globally.

**Unit Outline – Content/Understandings**
- Distribution and characteristics of biomes as regions with distinctive climates, soils, vegetation and productivity (ACHGK060)
- 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 (ACHGK061)
- Environmental, economic and technological factors that influence crop yields in Australia and globally (ACHGK062)

**Unit Title: Geographies of Interconnections**

**Brief Summary:** students investigate 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. They examine the interconnections between people and places through the products people buy and the effects of their production on the places that make them. They 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 using studies from Australia and globally.

**Unit Outline – Content/Understandings**
- The perceptions people have of place, and how these influence their connections to different places (ACHGK065)
- The way transportation and information and communication technologies are used to connect people to services, information and people in other places (ACHGK066)
- The ways that places and people are interconnected with other places through trade in goods and services, at all scales (ACHGK067)
- The effects of the production and consumption of goods on places and environments throughout the world and including a country from North-East Asia (ACHGK068)
- The effects of people’s travel, recreational, cultural or leisure choices on places, and the implications for the future of these places (ACHGK069)

**Unit Title: Economics and Business**

**Brief Summary:** students explore the interactions within the global economy. They are introduced to the concept of an ‘economy’ and explore what it means for Australia to be part of the Asia region and the global economy, they consider the interdependence of participants in the global economy, including the implications of decision made by individuals, businesses and governments.

**Unit Outline – Content/Understandings**
- Australia as a trading nation and its place within the rising economies of Asia and broader global economy (ACHEK038)
- Why and how participants in the global economy are dependent on each other (ACHEK039)
- Why and how people manage financial risks and regards in the current Australian and global financial landscape (ACHEK040)
- The nature of innovation and how and why businesses seek to create and maintain a competitive advantage in the market (ACHEK041)
• Challenges to food production, including land and water degradation (ACHGK063)

• The capacity of the world’s environments to sustainably feed the projected future global population (ACHGK064)

Key concepts –
Understand:
• How human alterations to biomes are affecting biotic environments and people, and how these can be managed
• The future implications of changes to biomes
• How interconnections and interdependencies between people and environments have implications for future contexts

Assessment Tasks:
1. Biome comparison study
2. Research report
3. Weekly mini-quizzes
4. Exam

Key concepts –
Understand:
• How human actions and interconnections are affecting environments and people, and how these can be managed
• The future implications of changes to environments because of increasing globalisation
• How interconnections and interdependencies between people and environments have implications for future contexts

Assessment Tasks:
1. Data analysis
2. Research report
3. Exam
4. Weekly mini-quizzes

Key concepts –
Understand:
• How participants in the global economy interact
• What strategies can be used to manage financial risks and rewards
• How creating competitive advantages benefits businesses
• Why the responsibilities of participants in the workforce are important

Assessment Tasks:
1. Business proposal
2. Weekly mini-quizzes