

# SUSTAINABLE BIOMES: Food for life



## Teacher Notes

**Syllabus Topic:** Stage 5: Sustainable Biomes

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**Sub-topic:** Challenges to food production

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**Syllabus Outcomes:** A student:

- explains the diverse features and characteristics of a range of places and environments **GE5-1**
- explains processes and influences that form and transform places and environments **GE5-2**
- analyses the effect of interactions and connections between people, places and environments **GE5-3**
- communicates geographical information to a range of audiences using a variety of strategies **GE5-8**

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**Syllabus Content:** **Challenges to food production**

Students:

- investigate environmental challenges to food production for Australia and other areas of the world, for example:
    - description of the impact of water scarcity and pollution on food production
    - discussion of the impact of land degradation and competing land uses on food production eg urban expansion, biofuel production
    - assessment of the extent to which climate change can affect the capacity of countries to increase food production
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**Learning Intention:** For students to investigate challenges to food production and the impact on vulnerable communities across the globe.