

Core units: Exemplar – Year 9
 Illustration 1: Biomes and ecosystems

Ecosystems and biomes

View the YouTube documentary **Ecosystems and biomes** http://www.youtube.com/watch?v=dTaWsFct32g&feature=youtube_gdata_player (duration, 15:55). This short video provides a brief summary of the world's major terrestrial biomes.

1. Summarising biome characteristics

Summarise the main characteristics of each biome in the table below.

Biome	Description of location (identify on map)	Seasonal temperature range	Rainfall (cm)	Rainfall (mm) (x10)	Soil characteristics	Animals (including adaptations)	Plants (including adaptations)

Biome	Description of location (identify on map)	Seasonal temperature range	Rainfall (cm)	Rainfall (mm) (x10)	Soil characteristics	Animals (including adaptations)	Plants (including adaptations)
Arctic tundra							

Biome	Description of location (identify on map)	Seasonal temperature range	Rainfall (cm)	Rainfall (mm) (x10)	Soil characteristics	Animals (including adaptations)	Plants (including adaptations)
Coniferous forest							

Biome	Description of location (identify on map)	Seasonal temperature range	Rainfall (cm)	Rainfall (mm) (x10)	Soil characteristics	Animals (including adaptations)	Plants (including adaptations)
Deciduous forest							

Biome	Description of location (identify on map)	Seasonal temperature range	Rainfall (cm)	Rainfall (mm) (x10)	Soil characteristics	Animals (including adaptations)	Plants (including adaptations)
Desert							

Biome	Description of location (identify on map)	Seasonal temperature range	Rainfall (cm)	Rainfall (mm) (x10)	Soil characteristics	Animals (including adaptations)	Plants (including adaptations)
Grasslands							

Biome	Description of location (identify on map)	Seasonal temperature range	Rainfall (cm)	Rainfall (mm) (x10)	Soil characteristics	Animals (including adaptations)	Plants (including adaptations)
Tropical rainforest							

2. Mapping biome distribution

Map the distribution of the six biomes shown in the program. Use a key and give your map a title. A line map is provided on the next page for you to use.

