**Key terms from Energy Flow in Ecosystems (B10)**

**Food chain**

A chart showing the flow of energy (food) from one organism to the next beginning with a producer (e.g. mahogany tree 🡪 caterpillar 🡪 song bird 🡪 hawk)

**Food web**

A network of interconnected food chains showing the energy flow through part of an ecosystem

**Producer**

An organism that makes its own organic nutrients, usually using energy from sunlight, through photosynthesis

**Consumer**

An organism that gets its energy by feeding on other organisms

**Herbivore**

An animal that gets its energy by eating plants

**Carnivore**

An animal that gets its energy by eating other animals

**Decomposer**

An organism that gets its energy from dead or waste organic matter

**Ecosystem**

A unit containing all of the organisms and their environment, interacting together, in a given area, e.g. decomposing log or a lake

**Trophic level**

The position of an organism in a food chain or food web