

# Trees and the Environment



## Renewable power sources



Wind turbines turn the **energy** from the wind into electricity.



Solar panels turn the **energy** from sunshine into electricity.



The **energy** from heat deep underground can be turned into electricity. This is **geothermal energy**.



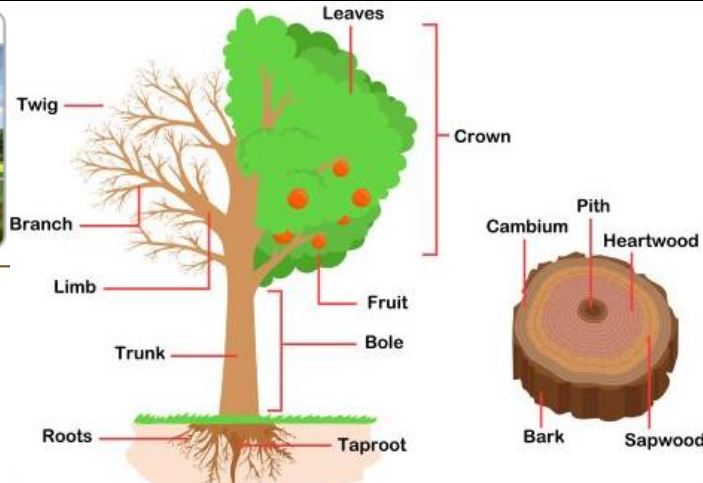
Biomass means 'natural material'. It is burned to create **energy**.



floods



droughts



## Key Vocabulary

climate	The average weather conditions over a period of time.
climate change	The change in the overall weather and temperature on Earth.
atmosphere	A layer of gas surrounding the Earth.
green house gas	Special type of gasses in the atmosphere that let sunlight in but stop heat from escaping.
power	Electricity, gas and oil are sources of power.

## DECIDUOUS V. EVERGREEN TREES



- Deciduous Trees**
- shed their leaves seasonally
  - adapted to tolerate cold weather conditions
  - more sensitive to rain fall and temperature



- Evergreen Trees**
- year-round foliage
  - higher nutrient requirements during bad weather, but can survive with low soil nutrients



storms



melting sea ice



REDUCE



REUSE



RECYCLE