



Renewable Energy

In this unit children will..

- understand the differences between renewable and non-renewable energy sources.
- outline the advantages and disadvantages of non-renewable and renewable energy sources.
- understand that using non-renewable energy sources such as coal, oil and natural gas is contributing to global warming.
- research the different ways that renewable energy can be used to limit the impact of global warming, consider how they could incorporate renewable energy strategies in their local communities and schools and provide reasons for doing so.

Working Scientifically:

- Identifying scientific evidence that has been used to support or refute ideas or arguments.

Key Learning Steps:

1. What is renewable energy?
2. Using renewable energy.

Key Vocabulary:

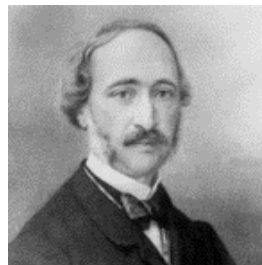
- Solar power
- Wind power
- Renewable
- Non-renewable
- Solar panels
- Wind turbine
- Global warming
- Greenhouse gases

Key Scientists:



Classic

William Armstrong (1810-1900)
Inventor of hydro-electric power.



Classic

Charles Fritts (1850-1903)
Invented the first solar panel.



Contemporary

Jeanette Gitobu
Award-winning professional in the renewable energy sector.