# Solar Energy

Sun Power on Earth

# **Concept Overview**

#### About the overview

The diagram below shows the science concepts outlined in this book. The arrows show the links between concepts and how they might build in sequence. A "big idea" shows how a fully developed understanding of the concepts might look. Such an understanding might not be achieved until level 7 or 8. The big ideas are included to help you build appropriate concepts with your children, whatever their age.

### Big Idea

The amount of solar energy available to us is linked to our "place in space".

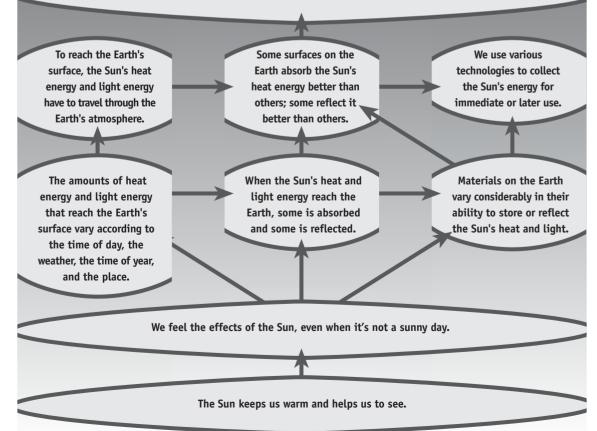
#### Big Idea

The solar energy available to us determines the conditions for life on Earth.

#### Big Idea

We use a wide variety of technologies to harness and transform the heat and light energy we get from the Sun.

Because energy in the form of heat and light from the Sun reaches the Earth all the time, solar energy is a renewable energy source.



## **Science Concepts**

4