



- 1 On the picture:
 - a) Use a green pencil to colour where **photosynthesis** is taking place.
 - b) Use a yellow pencil to colour in where the **energy** for photosynthesis comes from.
 - c) Use a brown pencil to colour in a **biomass** energy resource.
 - d) Use a black pencil to colour in a **fossil fuel**.
- 2 Explain
 - a) where animals like sheep get their energy from
 - b) in what way solar cells are like leaves of plants
 - c) what causes winds to blow
 - d) where you get your energy from.
- 3 On the picture, can you see an energy resource that was **NOT** made by energy from the Sun? What does that tell you about the importance of the Sun to our lives?
- 4 Your body needs energy from food. You also have the benefit of energy reaching you in other ways. Gas and electricity, for example, deliver energy to you at home. Energy from the Sun reaches you by different routes. This is one example:

SUN → air movement or wind → wind generators → electric cables → electric kettle → hot water → YOU

 - a) Add arrows to the picture to show this route.