



Knowledge Organiser: YEAR 1 Mechanisms – Wheels and axles

KEY KNOWLEDGE

What do you need to make a windmill?

- It should stand up on its own.
- It should have a part to catch the wind and a standing structure.
- It should move in the wind.
- It can be decorated.

KEY FACTS



Do you recognise these windmills? Where are they are?

KEY FACTS

The three main parts of a windmill:



KEY VOCABULARY

<i>axle</i>	<i>a long, straight piece of material which connects to a rotating part (e.g. the sails of a windmill)</i>
<i>evaluation</i>	<i>looking at what is good and bad about something and thinking about how to make it better</i>
<i>sail</i>	<i>the parts that move in the wind</i>
<i>stable</i>	<i>an object that does not topple over easily</i>
<i>structure</i>	<i>something that is built for a purpose</i>
<i>test</i>	<i>to find out whether something works as it should</i>
<i>windmill</i>	<i>a structure with sails that are moved by the wind</i>