

Year 2 Knowledge Organiser - Fairground Wheel



Key Facts:

Materials have different properties. Your ferris wheel design will need to be stable and strong. Which materials could you use?



Bricks are made from clay.
They are stiff and strong.



Wood comes from trees.
It is strong and flexible.



Metal comes from ore, that
is mined underground.
It is strong and hard.

Key vocabulary:

Axle - A long straight piece of material which connects to a rotating component (e.g. the wheels of a car).

Decorate - To add details to a design to improve its appearance.

Evaluation - When you look at the good and bad points about something, then think about how you could improve it.

Ferris wheel - A ride at a fairground which carries passengers around a large vertical wheel.

Ferris wheel pod - The container which carries passengers around the Ferris wheel.

Mechanism - The parts of an object that move together as part of a machine.

Stable - Object does not easily topple over.

Strong - Something that is not easily broken (e.g. wood, brick, building).

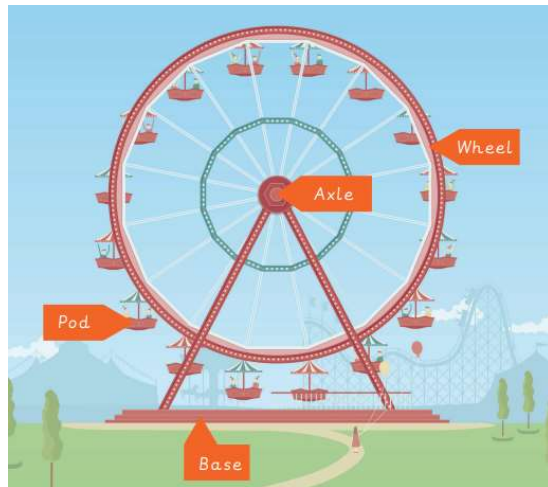
Test - To find out whether something works as it should.

Waterproof - Material that does not allow water pass through it.

Weak - Something that is easily broken (e.g. eggshells).

Key Facts:

The features of a Ferris wheel.



Did you know?

The first ferris wheel to be built was called the Chicago wheel, in 1893 over 100 years ago!
It was over 80 metres tall.

