

Y6 Fairgrounds { Part Lockdown }



End Points:

Fairgrounds

- To evaluate existing fairgrounds
- To design a fairground including a plan
- To make a moving model for a fairground
- To recreate fairground art
- To create a persuasive leaflet

How you can help at home — see Google Classroom:

- Revisit work set on google classroom
- Discuss how mechanisms make things move in the house

Key Vocabulary

| Word | Definition |
|-----------------------------|---|
| Friction | Friction is the force between two things that are moving (or trying to move) across each other. The force of friction slows down a moving object. |
| Gravity | Gravity is a force that pulls things together . Only the gravity of really massive objects is noticeable. |
| Air resistance | Air resistance (also called drag) is friction between a moving object and the air around it. The air pushes against the object as it gets out of the way to let the object through. This slows the object down unless there's another force to keep pushing it forward. |
| Acceleration / Deceleration | These are words used to describe the speed at which an object is moving . If an object is getting faster , i.e. it is taking less time to travel a set distance than it was, it is described as accelerating . If an object is getting slower , i.e. it is taking longer to travel a set distance than it was, it is described as decelerating . |
| Levers | Anything rigid moved around a fixed point called a fulcrum . When a force pushes or pulls one of the lever's moving parts, the other part can move with a stronger force . |
| Pulleys | A simple pulley is a rope around a wheel, used for lifting things. |
| Gears | Are two or more toothed wheels, called cogs that fit into each other. When one cog turns, it turns the cog next to it in the opposite direction. |
| Evaluation | Is the process of deciding if you've done something the best way, and looking at what could be improved. |
| Design criteria | Are the precise goals that a project must achieve in order to be successful. |