

# Leintwardine Endowed CE Primary School Learning Journey Key

'Letting Our Light Shine'

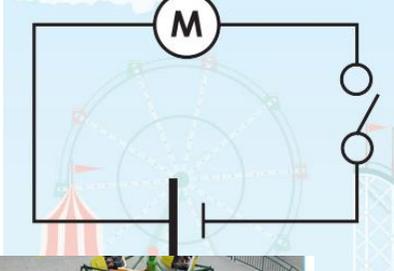
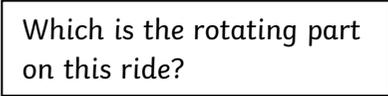
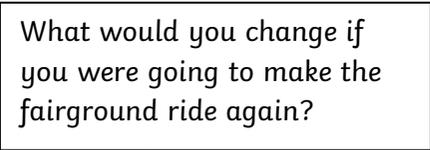
SUBJECT: Design and Technology

YEAR : A

TERM : Summer 1

YEAR GROUPS : 5/6

Key Question: Can you design, make and evaluate a fairground ride with a rotating part?

Question	Vocabulary to Use	Information which will help me	Can I....?
Can I investigate how fairground rides move?	Investigate Fairground Moving Axel	 <p>merry-go-round</p>	Can I investigate how a fairground moves and the moving parts work?
Can I explore ways of using electrical motors to make rotating parts?	Explore Stable Stability Structure	 <p>This model contains a complete circuit with a cell, switch and a motor.</p>	Can I create a detailed diagram of their chosen ride/object?
Can I create a stable framework?	Join Strength Weakness	 <p>Which is the rotating part on this ride?</p>	Can I suggest ways in which ideas for frameworks could be developed to ideas for their own fairground ride designs?
Can I design a fairground ride with a rotating part?	Twist Turn Friction Framework	 <p>What would you change if you were going to make the fairground ride again?</p>	Can I use a variety of materials and components accurately?
Can I create a fairground ride with a rotating part?	Move Rotate Part Design		Can I make a decision about what kind of ride they will make?
Can I evaluate my design and creation?	Criteria Design criteria Evaluate Improve	 <p>Evaluate Design Make</p> <p>This has many moving parts to allow the ride to move and rotate.</p>	Can I design an appropriate electrical circuit for their ride?