

Leintwardine Endowed CE Primary School Learning Journey Key

'Letting Our Light Shine'


SUBJECT : Science

YEAR : A

TERM : Spring 1

YEAR GROUPS : 5/6

Key Question: How do forces effect our movement?

Question	Vocabulary to Use	Information which will help me	Can I....?
What is gravity?	Force, push, pull, opposing, gravity, air resistance, water resistance, friction, Isaac Newton, Galileo Galilei, streamline, brake, mechanism, lever, gear, cog, pulley, machine, newtons, transmissions.		Can I explain why objects fall towards the centre of the Earth?
What is friction?			Can I explain the link between the mass of an object and the amount of force with which gravity acts on it?
How does air resistance effect moving objects?			Can I give a definition of friction?
How does water resistance effect moving objects?			Can I give useful examples of friction?
How do levers and pulleys allow a smaller force to have a greater effect?			Can I explain what air resistance is?
What gears allow a smaller force to have a greater effect?			Can I explain what water resistance is? Can I recognise that levers and pulleys allow a small force to have a greater effect? Can I make and improve models that use pulleys and levers? Can I recognise that the speed or amount of force transmitted is affected by changing

			<p>the size of gears in transmission? Can I make transmission where two or more gears work together?</p>
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