

Key Vocabulary		Year 5/6 Science Forces and Levers				Learning Sequence	
Key Word	Definition						
Force	is an action that changes or maintains the motion of an object. A force is a push or a pull.						
gravity	An invisible force that pulls objects towards each other. Earth's gravity makes things fall to the ground						
Earth	Is the 3 rd planet from the sun. Earth's gravity is what keeps you on the ground.						
Air resistance	Is a kind of friction that occurs between air and another object.						
Water resistance	Is often called drag. It is a type of force that uses friction to slow things down that are moving through a liquid.						
friction	Is a force between two surfaces that are sliding, or trying to slide, across each other.						
Mechanisms	A system of structure of moving parts that perform some function						
Levers, pulleys, gears	Simple machines/ mechanisms to make a task easier						

Working Scientifically Skills



Science Enquiry



Lesson 1

Who was Isaac Newton?
What is gravity?

Lesson 2

How does gravity and friction work?

Lesson 3

What are the effects of air resistance and water resistance?

Lesson 4

How do levers work?

Lesson 5

How do pulleys/gears make a job easier? (Forest School outside)

Lesson 6

Assessment Enquiry: Many heavy materials were needed to build the Titanic, how were they lifted?