

## **Empiribox KS2 Individual Pupil Science Assessment - Forces**

Name
------

Pupil Objective	Working Towards	Achieved	Exceeded
<b>Working Scientifically</b>			
Can select and ask relevant questions.			
Can conduct a scientific enquiry to answer their own questions.			
Can set up a simple scientific enquiry.			
Can make careful observations.			
Can plan different types of scientific enquiries to answer questions.			
Can recognise and control variables.			
Can take accurate and precise measurements using scientific equipment.			
Can take repeat measurements where appropriate.			
<b>Forces</b>			
Can compare how things move on different surfaces.			
Knows that some forces need contact between two objects.			
Knows that magnetic forces can act at a distance.			
Knows that magnets can attract or repel each other.			
Knows that magnets attract some materials but not others.			
Can compare and group everyday materials based on whether they are attracted to a magnet.			
Can identify some magnetic materials.			
Can describe magnets as having two poles.			
Can predict whether two magnets will attract or repel, depending on which poles are facing.			
Can explain that unsupported objects fall towards Earth because of the force, gravity.			
Can identify the effects of air resistance.			
Can identify the effects of water resistance.			
Can identify the effects of friction.			
Knows that mechanisms (levers, pulleys and gears) allow a smaller force to have a greater effect.			
Can research how scientists helped to develop the theory of gravity.			
Can describe the movement of the Earth, and other planets, relative to the Sun.			
Can describe the movement of the Moon relative to the Earth.			



## Empiribox KS2 Individual Pupil Science Assessment - Forces

Can describe the Sun, Earth and Moon as approximately spherical bodies.			
Can explain day and night and the apparent movement of the Sun across the sky in relation to the Earth's rotation.			
Knows that the Sun is a star.			
Knows and can name the 8 planets in our Solar System.			

Name:	Date:	Teacher:
Comments:		

Name:	Date:	Teacher:
Comments:		

Name:	Date:	Teacher:
Comments:		

