

Subject	Year	Term
Science	7	1
Topic		
7P2 Forces		
Content (Intent)		
Prior Learning (Topic) Forces (year 5)		
<ul style="list-style-type: none"> • explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object • identify the effects of air resistance, water resistance and friction, that act between moving surfaces • recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect 		
Future Learning (Topic) P5a Forces		
How will knowledge and skills be taught? (Implementation)	How will your understanding be assessed & recorded (Impact)	
<p>Practical Work: Newton meters, friction sleds, moment balances, Springs</p> <p>Written work: calculating speed, describing forces and motion</p>	<p>- 2 x standard homeworks (Level given. Written feedback. Response expected.)</p> <p>-1 x end of topic test (Level given. Verbal feedback to class and individuals.)</p>	
How can parents help at home?		
<p>Look at the topic specific resources on the VLE</p> <p>Use appropriate youtube channels: cognito, primrosekitten, khan academy, freesciencelessons.</p> <p>Take an interest! Ask your children what they have learnt and be curious about their learning.</p>		
Helpful further reading/discussion		
<p>Reading</p> <p>George's Secret Key to the Universe, L.Hawking, 2008, Corgi Childrens</p>	<p>Vocabulary Lists</p> <p>FORCE FRICTION WEIGHT MASS SPEED TIME ACCELERATION</p>	<p>Careers Links</p> <p>Physicist Engineer Environmental engineering Energy companies</p>