

Year 3 'Feel the Force, See the Light!' Homework Menu
Choose one or more activities to complete.
Due in Friday 8th December

<p>Research the biography of Isaac Newton. What theory did he discover? Present this in an interesting way.</p>	<p>Draw and label 5 magnets used in everyday life in your home.</p>	<p>Bioluminescent animals give off light. Research and write about a Bioluminescent creature of your choice.</p>
<p>Create a poster detailing the impact UV rays can have on eyes. Include ideas on how to protect our eyes.</p>	<p>Make a parachute using different material and describe how gravity and surface area affect their landing? You need to drop the object from the same height for a fair test.</p>	<p>Make your own sundial. Set it up outside and evaluate how well it works. Write an explanation of how it works. Take photograph of it outside including shadow.</p>
<p>Investigate different swimming styles used by professional swimmers. Can you explain why some techniques may be faster than others?</p>	<p>Write a poem about either different types of forces or magnets. Use poetic devices such as: alliteration, onomatopoeia, repetition, rhyme, rhythm etc. You can either write a nonsense poem, riddle etc.</p>	<p>Write a short story about an astronaut stepping on the moon and discovering the effects of no gravity in space.</p>
<p>Draw a bar chart or a pictogram to show which room in your house has the most light sources.</p>	<p>Make up a game for 7-year-olds using forces (push, pull & twist). Provide written instructions for playing.</p>	<p>Use a torch, or another light source, to create different shadows at home. What shapes can you make? Can you change the shape and size of your shadows? If so how did you make the shadow bigger / smaller?</p>