## Year group: 5  
Subject focus: Forces

Here is a sequence of lesson activities to complete across the week.

<table>
<thead>
<tr>
<th>Day 1 – Looking at a stimulus and asking questions</th>
<th>Day 2 – Research/Learn</th>
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| How are forces being used in these pictures? | Learn about what a force is and the different types of forces.  
https://www.theschoolrun.com/what-is-a-force |

Learn about Force and motion – watch the video clip  

Play some forces games -  
http://www.primaryhomeworkhelp.co.uk/revision/Science/physical.htm

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<tr>
<th>Day 3 – Skills Practice</th>
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| Learn about Force and motion – Put your knowledge to the test!  
Have a go at the activity.  
2. Draw force arrows on the diagram, to show the size and direction of the forces.  
3. Label the arrows with the names of the forces. |

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<th>Day 5 – Independent Interpretation</th>
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| Look at this picture and answer the following questions. Use the key vocabulary you have learnt this week during your forces sessions. | Do you think it would be easier or harder to drag this toboggan?  
It is easier to drag this toboggan because it is smaller.  
Friction is not affecting the movement of the toboggan.  
The toboggan has a smooth surface which makes it easier to drag.  
It would be harder because it’s heavier than the tree.  
Friction is affecting the movement of the toboggan.  
The toboggan has a rough surface which makes it harder to drag.  
It is harder to drag this toboggan because it is bigger.  |

Quick quiz -  
http://www.primaryhomeworkhelp.co.uk/revision/Science/forces.html