

1.Pre- lesson activities	Resources	Curriculum
1:In pre-lesson-homework use the science of forces to solve a problem.	A letter setting out the problem and asking for help. e.g. get an egg to the ground unbroken.	Home work
<b>2. Pre teaching/revision activities for EAL advanced learners</b>	<b>The group</b> (mixed ability-mentor-same language-buddy ?)	
<p>a</p> <ul style="list-style-type: none"> <li>• read a related science text in guided reading</li> <li>• In pairs play some of the interactive games developed on the internet to guide children through an understanding of the methodology, ideas and vocabulary of the science of ‘forces’</li> </ul> <p>b: in pairs fill in the missing sections of a forces glossary. The base word is matched with the picture and definition from the menu on the next page.</p> <p>c: generate language through barrier games , e.g. a divided crossword Each child has different halves of the same crossword. Each half is filled in with the other’s clues and answers. In pairs the children complete their half of the crossword through collaborative talk.</p>	<p>a</p> <ul style="list-style-type: none"> <li>• non fiction science text e.g. Forces</li> <li>• <a href="http://www.engineeringinteract.org">http://www.engineeringinteract.org</a></li> <li>• <a href="http://www.bbc.co.uk/schools/scienceclips/index_flash.shtml">http://www.bbc.co.uk/schools/scienceclips/index_flash.shtml</a></li> <li>• <a href="http://hackney.lgfl.net">http://hackney.lgfl.net</a> click teacher planning then click e-learning context for forces animation</li> </ul> <p>b. A base sheet divided into 3 columns with words in one column and a sticker sheet with pictures and definitions for the other two columns.</p> <p>c. A divided crossword, half with down clues already filled in and a menu of pictures describing those clues and half with across clues and visuals.</p>	Guided reading talking
<b>3.The group become ‘experts’ by demonstrating an understanding of ‘Forces’</b>		
<p>3.Children consolidate their understanding of ‘Forces’ by preparing a visual presentation to explain the meaning of the concepts and vocabulary they have learnt in the pre lesson activities</p> <p>4.Children go to other groups to guide others through the same activities</p>	<p>3. Picture pack of forces concepts and step by step instructions on how to make a two minute PowerPoint presentation using animated images downloaded from the internet e.g. An elephant and a feather falling in a bell jar with, and without air</p>	