

# Science Assessment Grid : Great British Scientists : Year 5/6



Great British Scientists																			
Group: <input type="text"/>		Year: <input type="text"/>		Term: <input type="text"/>															
<b>Science</b>																			
Lesson 1	Can children explain what <i>science</i> , <i>scientists</i> , <i>privilege</i> and <i>bias</i> mean?																		
	Can children look critically at information?																		
	Are children able to do research to answer a question?																		
Lesson 2	Can children describe what white light is?																		
	Can children name the seven colours Newton identified within white light?																		
	Are children able to use scientific vocabulary in their explanations and descriptions?																		
Lesson 3	Can children define the words mass, weight and gravity?																		
	Are children able to describe the effects of gravity and how it changes in different places in our solar system?																		
	Can children calculate the weight of an object on Earth in Newtons?																		
Lesson 4	Can children describe the works of Anning, Darwin and/or Wallace and how their work																		
	Are children able to describe the process of natural selection?																		
	Can children name an advantageous and disadvantageous characteristic or feature of a living																		
Lesson 5	Can children plan an investigation to test a hypothesis?																		
	Can children identify control variables in an investigation?																		
	Are children able to identify the dependent and independent variables in an investigation?																		
Lesson 6	Can children think of scientific questions?																		
	Can children think of hypothetical answers to questions?																		
	Do children understand the importance of asking questions in science?																		
Lesson 7	Can children make and record detailed observations of a mechanism?																		
	Can children describe how using smaller or larger gears to power another gear will affect the movement?																		
	Can children calculate the gear ratio for a train of two gears?																		