

Science Assessment Grid : Forces and Magnets : Year 3



Forces and Magnets																				
Group:		Year:		Term:																
Science																				
Lesson 1	Can children explain what a force is?																			
	Do children know that some forces need contact between two objects?																			
	Can children identify pushes and pulls and explain the forces in action?																			
Lesson 2	Do children know that forces can be measured in newtons using a force meter?																			
	Can children set up and carry out an investigation to explore how objects move on different surfaces?																			
	Can children draw conclusions from their observations?																			
Lesson 3	Do children understand that a magnet does not need contact with an object for the force to be applied?																			
	Can children explain what happens when the opposite poles of two magnets are placed close together?																			
	Can children explain what happens when the same poles of two magnets are placed close together?																			
Lesson 4	Can children make and test predictions about whether materials are magnetic or not?																			
	Can children make careful observations?																			
	Can children group objects on the basis of whether or not they are magnetic?																			
Lesson 5	Can children name some uses for magnets?																			
	Are children able to suggest ways in which magnets can be used to solve common problems?																			
	Can children briefly describe how a compass works?																			