

# Science Knowledge Organisers


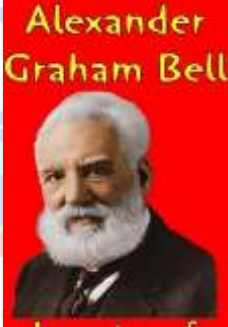

Science Focus

Super Scientists

Year 2

Autumn 2

Key Knowledge	
<b>Investigate</b>	
To investigate the effect gravity has on everyday objects.	
To investigate what happens to light when it passes through different transparent objects.	
To investigate the wind.	
To investigate whether sound can pass through materials.	
To investigate our senses and reflexes.	
To investigate how germs are transferred by touching things.	
Making sure the knowledge sticks at the end	
Can we use our own knowledge to make predictions?	
Can we observe patterns?	
Can we talk about what they have found out?	
Famous Scientists	
Isaac Newton	His first great discovery came from his experiments with light. Newton's work showed how gravity controls the motion of the planets around the sun as well as the motion of the Moon.
Maggie Aderin-Pocock	She is working on and managing the observation instruments for the Aeolus satellite, which will measure wind speeds to help the investigation of climate change.
Alexander Graham Bell	Alexander Graham Bell is best remembered as the inventor of the telephone
Possible Experiences	
Test electrical circuits	
Make a wind vane	
Investigate reflexes	
Change ways that light passes through transparent objects	

Key Vocabulary	
Gravity	In invisible pulling force that works across space
Transparent	A material or object where light completely passes through it
Senses	Taste, touch, hearing, sight, smell
Scientist	A person who studies and is an expert in science
Diagrams and Symbols	
	
	

## Greater Depth Thinking

What do I already know that can help me?  
Which learning skills will I need to apply to support my learning?  
Are there any other scientists that are famous for similar things? Who?