



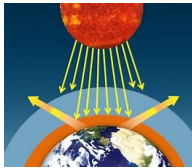
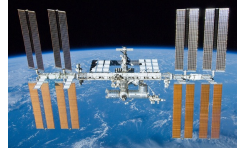
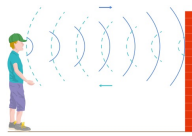



Vocabulary	Meaning
NASA	(National Aeronautics and Space Administration) the American government agency that is responsible for science and technology related to air and space in the USA
free fall	to fall rapidly under the force of gravity
gravity	the force that attracts objects towards each other, especially the force that makes objects fall to the ground
atmosphere	the mixture of gases around the Earth
emit	to produce/make
photosynthesis	the process by which a plant uses the energy from sunlight to produce its own food
decompose	to be broken down by natural processes
evolution	the process by which different kinds of living organisms are believed to have developed from earlier forms during the history of the earth
adaptation	the process of change by which an organism or species becomes better suited to its environment
friction	the force which makes it difficult for objects to slide along the surface of another
resistance	a force that acts to stop the process of something or make it slower
magnetism	a force that acts to stop the process of something

Key knowledge – Fossils			
Trace fossils	Cast fossils	Mold fossils	True form
			

Key knowledge – Explanations	
<p><b>Climate change</b> relates to the changes in the world's weather, it is believed to be getting warmer as a result of <b>greenhouse gases</b> (in particular <b>Carbon Dioxide</b>) increasing in the atmosphere.</p> 	<p><b>ISS (International Space Station)</b> is a large space craft which is in <b>orbit</b> above Earth. <b>Orbit</b> is the curved path through which objects in space pass around a planet or star.</p> 

Key knowledge – Sound understanding		
<p><b>Echo</b> the reflection of a sound back to the listener.</p> 	<p><b>Echolocation</b> (biological) animals call out to the environment and listen to the echoes of those calls that return from various objects near them to determine location.</p> 	<p><b>Sonar</b> (Sound navigation and ranging) system for the detection of objects under water by emitting sound pulses and detecting or measuring their return after being reflected.</p> 