Plants	Animals including humans	Rocks	Light		Forces and magnets	
Plants       Animals includ humans         Year 3 – Forces and magnets         Year 3 – Forces and magnets         Knowledge         • To know how things move on different surfaces.         • To know that some forces need contact between two objects, but magnetic forces act at a distance.         • To know how magnetics attract or repel each other and attract some materials and not others	Animals including humans	Including nans       Rocks         nans       Rocks         Skills       - using straightforward scientific evidence to answer questions or to support their findings.         Use magnets to test a range of materials to test whether they are magnetic or not and use this to make conclusions about what magnetic materials have in common. Pupils could look for patterns in the way that magnets react to each other. (Pattern seeking)         - setting up simple practical enquiries, comparative and fair tests         - using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions.         This could be achieved by testing how e.g. a car moves on different surfaces and using results to answer given questions, suggest improvements and raise further questions. Use results to raise further questions e.g. Are all metals magnetic? (Fair testing)	Light Vocabulary Force r to r to Called		ar, oe)	Poles Push Pull Distance Direct contact Properties
<ul> <li>can be compared an on the basis of whet attracted to a magneridentify some magnerials.</li> <li>To know magnets hapoles.</li> <li>To know whether twwill attract or repel ending on which facing</li> </ul>	d grouped her they are et, and etic ave two Yo magnets each other. i poles are gue que (Fai		e.g. and ons, ther etic?	<ul> <li>Preload</li> <li>Materials – attraction to magnets (include transparent)</li> </ul>		