

Science Vision Map

Year 3 – Forces and magnets

Crucial Knowledge	Intent
<ul style="list-style-type: none">• Force is a strength.• A magnet is a rock or piece of metal that can pull things towards it.• A magnet is a force.• Magnets have two poles (sides).• Magnets can pull things towards it or push them away (repel).• Magnets have different strengths.• The strength of a magnets depends on the material it is made from and the shape of it.• Magnetic materials are ones which are attracted to a magnet.• Not all metals are magnetic.	<ul style="list-style-type: none">• Recap – Living things in their habitats (Year 2)• Forces: compare how things move on different surfaces• Magnets: attract from a distance compare to non-magnets• Magnets: attract or repel• Magnets: compare and group everyday materials by their attraction to magnets• Magnets: strengths (including the two poles)• Magnets: prediction based on direction of pole and material types