

<p>Context: Magnets provocation</p>	<p>Reception Age 4-5</p>	<p>Title: Magnetic bottles</p>
<p>Child-led exploration Plastic bottles containing pipe cleaner pieces were left in the ‘science lab’ area for the children to explore with magnets for their first week of school. Other bottles contained a mixture of magnetic and non-magnetic items such as beads, paper clips, pom poms and feathers. Children were fascinated that they could move some items around the bottle but that others ‘didn’t stick.’</p> <p><i>L – Look I can move them, up up up! Oh they’ve fallen down. J – Let me have a go...oh they stick to the magnet! L – I can move them – look my magnet has got so many! J – The paperclips stick too! J – I can’t move the feathers – I know I’ll shake it – then they’ll move. Can you move the feathers with your magnet? E was absorbed in the activity and remained focused for over 10 minutes moving the magnet up and down to collect the pipe cleaner pieces at the bottom and release them at the top.</i></p> <p>Children explored with magnets inside and outside.</p> <p><i>R – Look they stick together look at us! I – We are strong! Let’s pull them – woah they stick together! R – Let’s pull really hard!</i></p> <p>The children moved around the provision finding objects that were magnetic. They found table legs, coins, drain covers, the clips on clipboards, the clip on the teacher’s lanyard and some metal climbing frames.</p> <p><i>Teacher – what might be the same about all the things you’ve found? I – they’re all hard R - they’re metal! Teacher – I wonder if all metal things ‘stick’ to magnets? Shall we try and find out?</i></p> <p>Possible future provision/next steps Time to explore with magnets to consolidate their ideas. Trays of items to sort into ‘magnetic’ /non-magnetic’ groups. Provide opportunities for the children to investigate a range of magnetic and non-magnetic metal items. Support them to talk about what they notice.</p>		
<p>Learning outcomes (Birth to 5, Technology): Range 5: Plays with a range of materials to learn cause and effect.</p> <p style="text-align: right;">Example from Briar Hill Infant School, Warwickshire</p>		

