

Activity Idea

Activity	Make and use activity bottles
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Possibilities for maths learning	<input checked="" type="checkbox"/> Counting	<input type="checkbox"/> Composition	<input type="checkbox"/> Cardinality
	<input type="checkbox"/> Subitise	<input type="checkbox"/> Comparison	<input checked="" type="checkbox"/> Measure
	<input checked="" type="checkbox"/> Shape	<input checked="" type="checkbox"/> Pattern	<input checked="" type="checkbox"/> Spatial awareness

Resources	<ul style="list-style-type: none"> ➤ Empty plastic bottles ➤ Water ➤ Oil ➤ Food colouring ➤ Tinsel, wool, shredded paper ➤ Buttons, marbles etc.
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Activity Outline	<p>Make the bottles for the babies and toddlers to explore.</p> <p>For oil and water bottles use 1/3 bottle of water with added food colouring then fill the rest with oil, seal the bottle and let it settle.</p> <p>For other bottles add items that can hide smaller objects – fill them with tinsel, wool etc. then add smaller objects such as buttons and marbles.</p> <p>Play alongside the babies and toddlers with the bottles. Turn or roll the oil and water bottle to show how the water will go up and down, comment using directional language and talk about how big or small the bubbles are.</p> <p>Use the other bottles for the babies and toddlers to rotate them until they can see the smaller objects. Talk to the babies and toddlers about the objects hiding in the materials and can they find them – this will provide strong foundations for number.</p>
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Extension Opportunities	<ul style="list-style-type: none"> ✓ Leave the bottles for the babies and toddlers to play and explore freely – this will support their learning and development and support their sensory development.
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