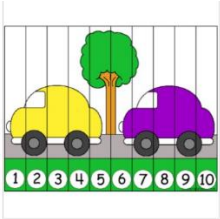


Activity Idea


Activity	Number puzzle
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Possibilities for maths learning	<input checked="" type="checkbox"/> Counting	<input checked="" type="checkbox"/> Composition	<input checked="" type="checkbox"/> Cardinality
	<input checked="" type="checkbox"/> Subitise	<input type="checkbox"/> Comparison	<input 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"> ➤ A simple picture printed or stuck on card, laminated if possible. Cut into 10 equal strips, each with the numbers 1-10 on the bottom of the picture (start with puzzles 1-5 if needed). Children can work independently or together. You can create as multiple puzzles so children can move from one to another) ➤ Bags to label and store number puzzles.  <ul style="list-style-type: none"> ➤ Optional - attach magnets or Velcro to the backs of the number strips, putting one at the top and one at the bottom of each strip. For magnets use metal trays for the children to use as a surface to put the puzzle pieces together on and for Velcro you could use strips of card. This step is optional, but it can help the children keep their pieces in one place.
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Activity Outline	<p>Explain the instructions of the number sequence puzzle to children. Explain that they are going to receive 10 strips with the numbers 1 through 10 on the bottom. The aim is to put the strips in order from 1 to 10 to form a picture.</p> <p>Review the counting sequence if children need support and allow them to solve the puzzles providing any support where needed.</p> <p>Engage children in conversation about the picture when they have successfully finished the puzzle, e.g. <i>'What can you see in the picture? 'Yes there are 2 cars, 1 yellow and 1 purple and there is 1 tree. That is 3 things in the picture altogether'.</i></p>
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Extension Opportunities	<ul style="list-style-type: none"> ✓ Instead of cutting 10 number strips, cut the picture into 3x3 squares. You can choose to put the numbers on the square or not. If you do choose to put the
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numbers on the square, place them in the bottom right-hand corner or on the back.

- ✓ Leave the puzzles out or make these available for children to choose and play with.