



# Activity Idea

<b>Activity</b>	Counting Dice Roll
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<b>Possibilities for maths learning</b>	<input checked="" type="checkbox"/> Counting	<input type="checkbox"/> Composition	<input type="checkbox"/> Cardinality
	<input checked="" type="checkbox"/> Subitise	<input checked="" type="checkbox"/> Comparison	<input type="checkbox"/> Measure
	<input type="checkbox"/> Shape	<input checked="" type="checkbox"/> Pattern	<input type="checkbox"/> Spatial awareness

<b>Resources</b>	<ul style="list-style-type: none"> <li>➤ Dice</li> <li>➤ Counters such as pennies, beans, buttons, marbles, or paperclips</li> <li>➤ Containers to hold the counters for each group of children</li> </ul>
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<b>Activity Outline</b>	<p>Show children a die and explore each side with them. Choose one child to roll the die and then count the dots from the roll to identify the number. Choose another child to come up and count out the counters to match the roll on the die. Repeat this until every child has had a turn rolling a die or counting counters and children and familiar with the process.</p> <p>Next, place children in groups of three. (You will need to make decisions about how to group children. You may want to group those that can reliably count using tagging together or you may want to group those needing assistance with those who are confident and can assist others.)</p> <p>Explain they are going to play a counting game in small groups, using a die and a bowl of counters. Give each group a container with counters and one die. Identify the child in each group that will roll the die first, then second, then third. Each child takes a turn rolling the die and then counting out the matching number of counters for his/her own pile.</p> <p>Continue the game until all counters are used.</p> <p>Ask the children to count their total number of counters at the end of the game.</p> <p>Ask questions:          “Who has the most counters?”          “Who has the least counters?”          “Does anyone have the same number of counters?”</p>
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<b>Extension Opportunities</b>	<ul style="list-style-type: none"> <li>✓ Repeat the game and keep a tally chart of who wins each time. Who won the most times?</li> <li>✓ For additional challenge you may want to give them two dice.</li> </ul>
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