



Activity Idea

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

Resources	<ul style="list-style-type: none"> ➤ Counting cookies (made with paper or card. Create 10 cookies with numerals 1-10 on and 10 cookies with chocolate chips on from 1 chip to 10 (dots)) ➤ An empty container (for the cookie jar) ➤ Blue tac (if this would work better being stuck on a surface such as the wall).
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Activity Outline	<p>Place the 10 chocolate chip cookies in a jar. The numeral cookies should be placed in a line from 1-10 in front of the jar.</p> <p>Show children the jar and the two types of cookies. The aim of the game is to choose a cookie from the jar and then match it with the corresponding cookie with the numeral on.</p> <p>Choose one child to come up and pick a cookie out of the jar. Ask the child how many chocolate chips are on the cookie (encourage subitising where possible and give the child time to count the chips, encourage them to point at the chips tagging them as they count if this helps).</p> <p>Ask the child if they can find the cookie with the right numeral on for the amount of chocolate chips they have. Once chosen, ask the group if the child has the matching cookies (the number of chips on one cookie matches the numeral on the other cookie). These can be laid together or stuck up on the wall in a number line display with numerals along the bottom and spots on the top.</p> <p>Continue choosing children to take turns choosing a cookie, counting the number of chips and identifying the matching numeral cookie until all of the cookies have been selected from the jar.</p>
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Extension Opportunities	<ul style="list-style-type: none"> ✓ Mix the numeral cookies so they are not in order from 1-10 – can children identify the right numeral? ✓ Play the game in pairs, one child chooses the cookie with chocolate chips and the other identifies the cookie with the correct numeral on it (the one that matches the number of chips).
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| | <ul style="list-style-type: none">✓ Hold the cookies with the numbers on them and lay out the cookies with the chips. Pick a number and have the child find the cookie with the matching number of chips. |
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