# Multiplication Hopscotch

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| **Level** | 2 (Age group 8 – 10) |
| **Resources Required** | Chalk<br>Pebble or small rock |
| **Strand Covered** | Number and Operations |
| **Targeted Skills** | Multiplication |
| **Inspired by** | Third Space Learning |
| **Time Required** | 15 minutes for the game<br>5 minutes for preparation |
| **Previous Learning Required** | Multiples of 2,3,4,5 and 10 |
| **Support Required** | Medium support |

Rules of the Game:

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| **Goal** | The player who scores the most points at the end of the game wins |
| **Rules** | The player only gets one chance to throw the pebble.<br><br>The number of points a player gets is determined by the answer to their multiplication statement. So if their answer is 16 and they successfully complete the hopscotch, they get 16 points.<br><br>If the player lands their feet on the square with the pebble, they do not get the points.<br><br>If the player loses balance when collecting the pebble, they do not get the points.<br><br>If the wrong multiple is called out, the player does not get the points. |
| **Steps** | Step 1: The supervisor draws out 10 hopscotch squares on the sidewalk using chalk (reference image below).<br><br>Step 2: The players (3-4 players) line up and the supervisor declares the multiples for the first round. For example, multiples of 2<br><br>Step 3: Player 1 then tosses the pebble onto a square and calls out the answer to “square number x 2”. For example, the pebble lands on 7 so they say out loud the answer to “7x2”.<br><br>Step 4: If the player answers correctly, the player then hops with one foot onto the rows with one square and uses two feet in the rows with 2 squares. The player is not allowed to land on the square with the pebble. |

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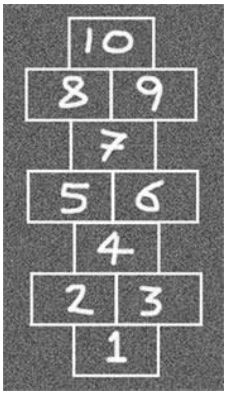
| | Step 5: On the way back, the player is still not allowed to land on the square where the pebble is, but they are required to collect the pebble and bring it back to the start.<br><br>Step 6: Player 1 hands the pebble to player 2. If successful in all the steps, player 1 gets 14 points.<br><br>Step 7: The game ends once all players have had 3 turns. The player with the most points wins. |
| **Images or Illustrations** | Hopscotch squares:<br>  <br> |
| **Variations of the Game** | 1. This game can be played again with different multiples. For example, 3,4,5 and 10.<br>2. The players are required to call out the name of the number before they throw the pebble. For example, player 2 says “8x2 is 16” so they are required to throw their pebble onto square 8. If it does not land on square 8, they do not get the points and their turn is lost |
| **Enrichment** | Use different operations such as division. |
| **Simplification** | 1. Instead of multiplication, use addition or subtraction<br>2. If the wrong answer is called out, the players are allowed one more try |