

## Outdoor Learning Experience (4, 5 and 6 years old)

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| <b>Learning Experience:</b> Whirling Sunny Shadows   | <b>Shared by:</b> : Tan Khee Huan, Moon   |
| <b>Environment:</b> Pathway leading to the playground/ open space  | <b>Estimated time::</b> 30 minutes  |
| <b>Children's prior knowledge:</b> Sunlight creates shadow   |   |
| <b>What children will experience (NEL Learning Areas):</b><br><br>Discovery of the World: <ul style="list-style-type: none"> <li>• Children will experiment with sunlight and create shadows with their bodies or objects along the concrete walking pathway.</li> </ul><br>Aesthetics and Creative Expression: <ul style="list-style-type: none"> <li>• Children will express their creativity to create different shadows using their bodies and open-ended materials.</li> </ul>      | <b>Suitable for:</b> <ul style="list-style-type: none"> <li>• 4 years old</li> <li>• 5 years old</li> <li>• 6 years old</li> </ul>  |
| <b>What you will need:</b> <ul style="list-style-type: none"> <li>• 1 box of coloured chalk</li> <li>• 1 Bluetooth speaker</li> <li>• 7 child friendly cameras (one for each pair of children)</li> <li>• Open-ended materials such as:             <ul style="list-style-type: none"> <li>○ 15 plastic sheets</li> <li>○ 15 pieces of card boxes</li> <li>○ Open-ended materials such as different sized balloons, ice-cream sticks, strings, dead leaves, stems</li> </ul> </li> </ul> | <b>Benefit-Risk Assessment:</b><br><br><u>Benefit:</u> <ul style="list-style-type: none"> <li>• Enhance children's creativity by encouraging them to create different shadows using their bodies and open-ended materials at the outdoor walkway</li> <li>• Encourage open-ended interaction</li> </ul><br><u>Risk:</u> |

- Potential littering from higher residential levels, or oncoming e-scooters.
- Slippery surfaces due to wet weather
- Puddles of water

Management:

- Educate children to be mindful during outdoors and conduct a check before the activity

**How to make it happen:**

1. Group children in pairs before bringing them outdoors.
2. Reinforce the outdoor rules and regulations.
3. When children are outdoor, explain about shadows.
4. Ask children to find their own shadows and their partner's shadow.
5. Encourage children to use their bodies to create different types of shadows (e.g., by stretching out their hands to pretend to be a tree or pretend to fly like a bird).
6. Examine the shapes of their shadows and talk about them.
7. Give children coloured chalk to outline their partner's shadow on the floor.
8. Play some appropriate music to liven up the atmosphere.
9. Allow children to sit on plastic sheets. Encourage them to use the open-ended materials to fill up the outlines of their shadows.

As children work in pairs, the teacher encourages them to help one another to take photos of their creations.