

# Hindpool Nursery Progression Map: Water Area

Progression of Skills	Vocabulary	Resources to support
<p><b>Pouring/Emptying</b></p> <ul style="list-style-type: none"> <li>• Tips to pour quickly.</li> <li>• Drops objects into the water.</li> <li>• Observes as they pour water from container to container.</li> <li>• Observes the way water moves.</li> </ul> <p><b>Filling</b></p> <ul style="list-style-type: none"> <li>• Fills containers until they overflow.</li> <li>• Randomly fills different containers.</li> </ul> <p><b>Transporting/Transferring</b></p> <ul style="list-style-type: none"> <li>• Carries water from A to B but spills large amounts of water along the way.</li> <li>• Explores the way water moves and is transported.</li> <li>• Tries to catch water as it is transported.</li> </ul> <p><b>Stirring/Mixing</b></p> <ul style="list-style-type: none"> <li>• Explores the way water moves as they mix and stir it.</li> <li>• Spills some water when mixing.</li> </ul>	<ul style="list-style-type: none"> <li>• Names of equipment.</li> <li>• Drop, drip, puddle, thick, thin, change</li> <li>• Wet, dry, soggy, soaked, squelchy, warm, cold, hot, freezing, lumpy, smooth.</li> <li>• Splash, spray, bubble, wave, squeeze, trickle, pour, fast, slow, slip, slide, soak, leak, squeeze, squirt, fountain.</li> <li>• Full, empty, big(ger), small(er), order, size, deep, deeper, deepest.</li> <li>• Tip, float, sink.</li> <li>• Vocabulary associated with small world play – people and boats, pirates, under sea creatures, car wash etc.</li> </ul> <p><b>Adult Interaction</b></p> <ul style="list-style-type: none"> <li>• How many jugs/cups of water will fill the bucket?</li> <li>• What do you think will happen if:</li> <li>• We pour the water onto the water wheel?</li> <li>• We pour the water from this container into that one?</li> <li>• We pour water into this tube?</li> <li>• We put pebbles into this jug of water?</li> <li>• We put sponges into the water?</li> <li>• We squeeze the sponge in the water?</li> <li>• Can you find something that you think will sink?</li> <li>• Were you right?</li> </ul> <p>Why do you think it sinks?</p>	<ul style="list-style-type: none"> <li>• Different sized beakers</li> <li>• Different sized containers</li> <li>• Irregular shaped containers</li> <li>• Buckets</li> <li>• Water wheel</li> <li>• Wooden spoons</li> <li>• Transparent plastic bottles (different sizes/same size), with and without holes in different places to make different flow and patterns</li> <li>• Watering cans</li> <li>• Sponges</li> </ul>
<p><b>Pouring/Emptying</b></p> <ul style="list-style-type: none"> <li>• Pours slowly into an intended place (e.g. back into the tray or in another container as not to lose any).</li> </ul> <p><b>Filling</b></p> <ul style="list-style-type: none"> <li>• Fills containers with increasing control.</li> <li>• Fills containers with a desired amount.</li> </ul> <p><b>Transporting/Transferring</b></p> <ul style="list-style-type: none"> <li>• Carefully carries water from A to B but spills a little.</li> <li>• Explores using a range of resources and techniques to transfer water (e.g. funnels, pipes).</li> </ul>	<p>Why do you think it sinks?</p>	<ul style="list-style-type: none"> <li>• Different sized containers</li> <li>• Graduated jugs/buckets</li> <li>• Jugs with spouts</li> <li>• Jugs with handles</li> <li>• Pots and pans</li> <li>• Colanders</li> <li>• Kitchen utensils</li> <li>• Natural materials</li> <li>• Funnels</li> <li>• Some transparent containers</li> <li>• Whisks</li> </ul>

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<p><b>Stirring/Mixing</b></p> <ul style="list-style-type: none"> <li>• Mixes slowly as not to spill.</li> <li>• Increased control when mixing.</li> <li>• Mixes with a goal in mind (e.g. can they make more bubbles?)</li> </ul>		<ul style="list-style-type: none"> <li>• Sieves</li> <li>• Drainpipes/gutters</li> <li>•</li> </ul>
<p><b>Pouring/Emptying</b></p> <ul style="list-style-type: none"> <li>• Pours a desired amount of water into a chosen container.</li> <li>• Pours with increased accuracy.</li> </ul> <p><b>Filling</b></p> <ul style="list-style-type: none"> <li>• Fills a container to their intended point of fill.</li> <li>• Starting to read scales when filling..</li> </ul> <p><b>Transporting/Transferring</b></p> <ul style="list-style-type: none"> <li>• Spills little or no water when transporting.</li> <li>• Does not fill the container to the top - shows an awareness of how much they can carry without spilling.</li> <li>• Plans and uses the most effective ways to transport water to avoid spillages.</li> </ul> <p><b>Stirring/Mixing</b></p> <ul style="list-style-type: none"> <li>• Understands what will happen to the water when they mix it.</li> <li>• Loses little or no water when mixing.</li> </ul>		<ul style="list-style-type: none"> <li>• Spoons with slots and holes in</li> <li>• Measuring spoons</li> <li>• Graded set of jugs, measuring cylinders, beakers</li> <li>• Different sized spoons</li> <li>• Piping</li> <li>• Pipettes, basters</li> <li>• Water pump</li> </ul>