



Water skills progression

Progression of Skills	Vocabulary	Resources to support
Pouring/Emptying • Tips to pour quickly. • Drops objects into the water. • Observes as they pour water from container to container. • Observes the way water moves. Filling • Fills containers until they overflow. • Randomly fills different containers. Transporting/Transferring • Carries water from A to B but spills large amounts of water along the way. • Explores the way water moves and is transported. • Tries to catch water as it is transported. Stirring/Mixing • Explores the way water moves as they mix and stir it. • Spills some water when mixing.	• Names of equipment. • Drop, drip, puddle, thick, thin, change • Wet, dry, soggy, soaked, squelchy, warm, cold, hot, freezing, lumpy, smooth. • Splash, spray, bubble, wave, squeeze, trickle, pour, fast, slow, slip, slide, soak, leak, squeeze, squirt, fountain. • Full, empty, big(ger), small(er), order, size, deep, deeper, deepest. • Tip, float, sink. • Vocabulary associated with small world play – people and boats, pirates, under sea creatures, car wash etc. Adult Interaction • How many jugs/cups of water will fill the bucket? • What do you think will happen if: • We pour the water onto the water wheel? • We pour the water from this container into that one? • We pour water into this tube? • We put pebbles into this jug of water? • We put sponges into the water? • We squeeze the sponge in the water? • Can you find something that you think will sink? • Were you right?	• Different sized beakers • Different sized containers • Irregular shaped containers • Buckets • Water wheel • Wooden spoons • Transparent plastic bottles (different sizes/same size), with and without holes in different places to make different flow and patterns • Watering cans • Sponges
Pouring/Emptying • Pours slowly into an intended place (e.g. back into the tray or in another container as not to lose any.		• Different sized containers • Graduated jugs/buckets • Jugs with spouts • Jugs with handles

Filling • Fills containers with increasing control. • Fills containers with a desired amount. Transporting/Transferring • Carefully carries water from A to B but spills a little. • Explores using a range of resources and techniques to transfer water (e.g. funnels, pipes). Stirring/Mixing • Mixes slowly as not to spill. • Increased control when mixing. • Mixes with a goal in mind (e.g. can they make more bubbles?)	Why do you think it sinks?	• Pots and pans • Colanders • Kitchen utensils • Natural materials • Funnels • Some transparent containers • Whisks • Sieves • Drainpipes/gutters •
Pouring/Emptying • Pours a desired amount of water into a chosen container. • Pours with increased accuracy. Filling • Fills a container to their intended point of fill. • Starting to read scales when filling.. Transporting/Transferring • Spills little or no water when transporting. • Does not fill the container to the top - shows an awareness of how much they can carry without spilling. • Plans and uses the most effective ways to transport water to avoid spillages. Stirring/Mixing • Understands what will happen to the water when they mix it. • Loses little or no water when mixing.		• Spoons with slots and holes in • Measuring spoons • Graded set of jugs, measuring cylinders, beakers • Different sized spoons • Piping • Pipettes, basters • Water pump