

Investigating moving water

Make some waterways/ rivers and explore how water moves. Start with just water and explore how it behaves

You will need-

Pipe/guttering/ drainpipe, plastic bottles, jugs, plastic jars, hose

Funnels, buckets and bowls

Bricks, blocks – something to prop up the waterway /river

1. **Explore-** Allow your child time explore all of the objects – through filling and pouring water. Let the children take the lead.
2. **Talk-** Begin to discuss what happens as the waterway/ river develops. Talk about how to fit the guttering/pipes together, what works, what doesn't. Watch and talk about the water and how it moves.
3. **Experiment and observe-** Collect some small objects that float (leaves, sticks, little boats, plastic containers, etc). Watch and talk about how things float down the waterway and how the water moves and how it moves things. Adjust the slope to make the water go faster/ slower. Watch what happens to the water when it comes out of the end and spreads across the ground or falls into a bucket.
4. **Record-** Take some photos of the waterway/river is built. Record what the children say as they experiment. Give them paper, pencils/pens to draw pictures.

Taking it further

Look at water toys they have at home- for example bath toys such as water wheels.

What are the children Learning?

They are investigating objects and materials by using all their senses.

They are finding out about features of events they observe.

They are building and constructing with a range of objects, selecting appropriate resources and adapting as they go.

