

**Disclaimer: Activities with children must always be risk assessed, including for allergies or choking. Children must always have adequate supervision. Resources and materials must always be appropriate for children's age and stage of development.**

## Activity: Water world explorers

**We all know how much children love water, especially in the summer months when it can also serve to cool them down.**

Through these interactive water stations, children will combine the wonder of water play with foundational learning experiences, helping to foster a love for science and nature from an early age. Children are invited to dive into the properties of water and immerse their imaginations.

### Learning aims

- Introduction to basic scientific concepts related to water
- Enhance sensory experiences
- Develop fine motor skills.

### Resources

- Receptacles for water – tuff trays, bowls, buckets etc
- Various containers - cups, bowls, etc
- Sponges, paintbrushes, painting rollers, bubble wands, spoons
- Natural objects such as leaves, cork, pebbles.



### Activity outline

Introduce the 'water world explorers' idea and set up the stations together with the children. Each station should focus on a different aspect of water exploration. You may choose to walk/talk the children through the stations before the explorations begin.

Here are some ideas:

- **Sink or float?** Using a variety of objects children predict which items will sink and which will float. They then test their predictions, through exploration. Encourage them to discuss the reasons why with open questions such as, "What do you think will happen if..."
- **Water transfer and displacement.** Using containers and various tools such as spoons, cups, sponges, children practise transferring from one container to another. This also presents an opportunity to

**Disclaimer: Activities with children must always be risk assessed, including for allergies or choking. Children must always have adequate supervision. Resources and materials must always be appropriate for children's age and stage of development.**

explore water displacement by filling the containers and placing an object inside to observe how it affects the water level

- **Water painting.** Provide water and a variety of paintbrushes and/or rollers for children to paint objects, the floor or walls
- **Bubble fun.** Using bubble solution and bubble wands children blow bubbles and chase them, learning about air and surface tension in a fun way.

### Extension ideas:

- Read water related books such as Big Red Bath by Julia Jarman and Adrian Reynolds or Splish, Splash Splish by Mick Manning and Brita Granstrom.

### NDNA products to support you with this activity:

- Online course: [Little Scientists Leading the Way](#)