

Explore and play

EYFS Aspect of learning

- Shape, space and measures

Busy Ant Maths F Topic

- Measures

Early learning goal

- Uses everyday language to talk about capacity to compare quantities and objects to solve problems

Activity 3: Changing water levels or or

Objective

- Know that depth increases when the amount in the container increases

Resources

three empty plastic containers (per pair/child); variety of small objects that will float in water, e.g. plastic ducks, toy boats (per pair/child); water (per pair/child); transparent containers in various sizes (per pair/child); variety of items that sink in water, e.g. pebbles, marbles (per pair/child); elastic bands (per pair/child)

What to do

- Provide the children with the empty plastic containers and a variety of small objects that will float in water, such as a plastic duck and a toy boat. Each child chooses a container and places one of the items in it. Ask the children to fill their container with water. What happens to the duck when they fill the container?
- Provide the children with transparent containers in various sizes and items that sink in water, such as pebbles, some shells. Place an elastic band around each container and ask the children to fill their container to this level. Then ask them to add the pebbles, one at a time. What happens to the water as they do this?

