



# LET'S CREATE

## Creating Ice Sculptures - Part One



This is part one, of a two-part teachable learning experience, encouraging children to create different ice blocks to play with and explore at another time.

### WHAT YOU NEED:

- Available freezer space
- Plastic containers of different sizes and shapes, including ice trays
- Water
- Jugs, scoops, cups
- Small toys - beads, dinosaurs, small plastic blocks
- Natural materials - leaves, twigs, gumnuts, flowers
- Food dye, if available
- A bath towel to absorb spills.



### WHAT YOU COULD DO:

- Pour water into the containers - older children will be capable of filling containers independently whilst younger children may need some support such as a cup or laundry powder scoop to pour the water.
- Food dye could be added for an interesting effect.
- Consider creating different depths of water.
- Toys or natural items could be added to some of the containers to create some interest within the ice.
- Place water filled containers in the freezer.
- Children will enjoy assisting with the tidying up after the let's create experience - drying dishes and packing away toys and containers that were not used.
- Together, check on them in the freezer intermittently, to see what is happening.

### WORDS OR PHRASES TO USE:

- Will this container be full or half full?
- Which container will hold more water?
- How many scoops of water will we add?
- How many beads, gumnuts, lego blocks will we add?
- Look what happens when we add the beads! Are they floating or sinking?
- Discuss solid and liquid properties of water. What is happening to the water when it's in the freezer? That's right it is going hard, it turns in to a **solid**.
- Which container will freeze first? Why do you think that? Observe this as the water freezes.

### WHAT LEARNING IS HAPPENING?

Children will have the opportunity to practice self-help skills including pouring, packing away and drying dishes.

Science concepts could be discussed: liquid to solid state through freezing and melting; floating and sinking depending on what items are added.

Maths concepts of measurement and number can be reinforced when adding water and items to the containers.



### WHERE TO NEXT?

Part two of this experience will be the sensory exploration of the ice.

Balloons filled with water could be used to create different shaped ice.

