

Science Challenge



Ice Garden

Make an ice garden.

Collect some items from outdoors such as petals, leaves, twigs and small stones. If this is not possible use toys and small objects which will not be damaged by being in water and frozen such as lego blocks, dice, paperclips, coins. Put a small amount of water in a small plastic tub which can fit in your freezer. Place your items in the water. Some will float and some will sink (you can make predictions first!) Freeze this water. When it is solid add another layer of water to cover over all of the items and freeze again.



Turn out the frozen garden on to a plate or tray and over time observe what happens when it melts. If you are able you could take close up photos and put them together into a slide show.



As a family challenge, investigate how to melt ice fast.

Give everyone an ice cube and see who can find the quickest method of melting their ice cube.

Next, you could see who can keep their ice cube from melting for the longest- without putting it back in the freezer!

