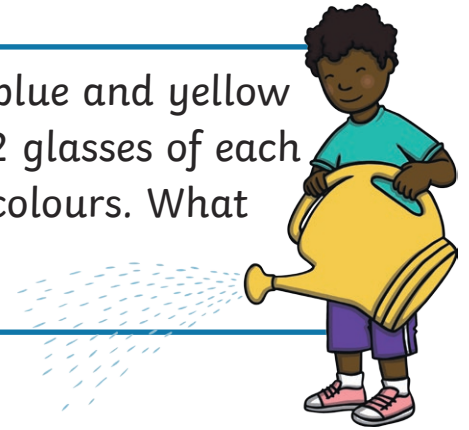
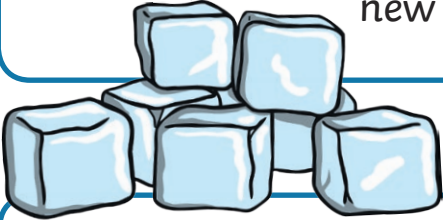


# Water

## Home Learning Challenges

Fill 6 glasses of water, just under  $\frac{1}{2}$  full. Use red, blue and yellow food colouring to change the colour of the water (2 glasses of each colour). Mix the colours together and make new colours. What new colours can you make?



Fill up an ice cube tray with your favourite juice and put it in the freezer. Take it out once frozen and put the ice cubes into your drink to keep it cool. Explain to a grown-up why you think the juice changed after it had been in the freezer. What happens to the ice cubes once they are in your drink?

Set up a bucket outside and fill with water. Add some bottles, bowls, tubs and containers. Spend some time exploring filling and emptying different containers. If you fill up one, does that amount of water fit into another? Which do you think holds the most amount of water? How could you find this out?

Fill a shallow tray with water and mix in some washing-up liquid. Cut the bottom off a plastic bottle and ensure it isn't sharp, then cover with an old sock. Dip the end of the bottle into the tray of water and blow through the top of the bottle. Can you make a long bubble snake? How long can you make it?

