**SUGAR CUBE STRUCTURES!**

- How many sugar cubes tall can you build a tower?
- What happens if you spray the sugar cubes with water?
- Can you make your tower waterproof?

**Hint – What could you cover it with?**

**TREASURE MAPS!**

Paint a sheet of white paper with cold coffee or tea and leave to dry in the sunshine. Draw a trail for friends to follow!

**SECRET MESSAGES!**

- Add a big squirt of lemon or lime juice to a little water and use a paintbrush to write a message on a sheet of paper.
- Ask an adult to put your paper in the oven and watch your message appear!

**FIZZY POTIONS!**

Make a magical, fizzy potion using baking soda, vinegar, water and a little food colouring. Try adding a little washing up liquid for a thicker foam!
ICE PAINTINGS!
Freeze a sheet of ice or 3D shape and paint on the surface.

FLOWER DISSECTION!
Find a flower and separate the parts. Can you name them all?

JUMP UP!
★ Cut out some small tissue paper shapes and blow up a balloon.
★ Rub the balloon on your hair and hold over the tissue paper shapes, they should jump up to the balloon.

This is because of static electricity!

BUILD A RAFT!
★ Build a mini raft using sticks or corks and string.
★ Can you test your raft to see if it floats?
★ What happens if you blow your raft with a straw?
**SUMMER! STEM Challenge**

**PLAY DOUGH MODELS!**
Can you create a model of a **body part** using play dough?

![Image of a girl in a yellow shirt and blue shorts making a play dough model]

**LONGEST PAPERCHAIN!**
What’s the longest paper chain you can make using just 1 sheet of paper?

![Image of a paper chain]

**BUBBLE WANDS!**
★ Make your own bubble wand using a pipe cleaner.
★ Can you make different shaped wands?

What do you notice about the shape of the bubbles?

**GROW A BEAN IN A JAR!**
★ Soak a few cotton wool balls in water,
★ Then place in a glass jar,
★ Add a bean and wait to see what happens!

Don’t forget to water it each day!

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Print + Cut Out = Fun!