

Year 1 Half-term Project: Lava Lamps

As this week is half-term, the school will not be producing the usual home learning packs and instead pupils are invited to complete some creative, fun projects at home.

For Year 1 pupils the project is all about lava lamps!

Ask your child if they know what a lava lamp is. Can they describe what it looks like? What does a lava lamp do?

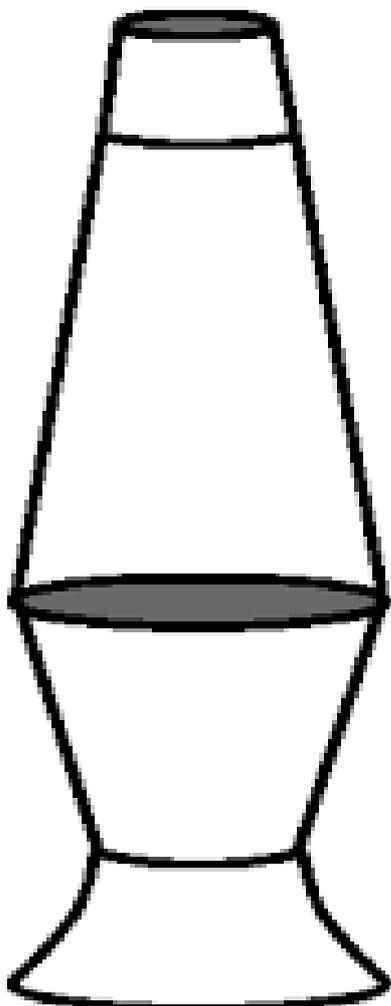
Watch this video with your child all about lava lamps:

<https://www.youtube.com/watch?v=U1B7erHd6Ko>

You should discuss any vocabulary that is mentioned in the video that your child might not understand and needs explaining further.

Discuss the fact that the two substances used to make the lava lamp cannot be mixed together. The example given in the video is vinegar and oil. Use a small amount of both in a dish to demonstrate that they stay separate when poured together.

Before your child makes their own lava lamp, they should design what they want it to look like (using the template below.) They should use their imagination and be creative with colours.



Now it's the fun part, it's time to make the lava lamp!

Equipment needed:

- Water/pop bottle – with a lid
- Food colouring
- Alka seltzers/fizzing tablets
- Vegetable oil
- Glitter (optional)

Here is a video explaining how to make it:

<https://www.youtube.com/watch?v=r0jic2Q64So>

If you do not have fizzing tablets at home then the following link shows how it can be done using baking powder instead:

<http://smallscience.club/experiments/lava-lamp/>

Once your child has made their lava lamp, take pictures or even a video of it mixing and moving and email them to enquiry@williammurdoch.bham.sch.uk so we can share them on Twitter!

Your child should then evaluate their lava lamp. They should write:

- What they like about it
- What they would do differently if they made it again
- What they could add to make it even better

Your child could then write out instruction to help other children make a lava lamp. Ensure that they use their phonics to help with spelling, capital letter letters at the beginning of sentences and full stops at the end of sentences.

Have a good break and have fun!

Miss Kelly, Mr Slinn and Mrs Hall