



Activities at Home

‘Splish, Splash, Splosh’

Dear Parents,

**The activity for the week 2 commencing 26th April is: Mr Archimedes’ Bath
“Waters Rising!”**

The activity we will be covering involves:

- Exploring water displacement
 - Reading the story ‘Mr Archimedes’ Bath’ and discussing what happens when the different animals get in the bath
 - Carrying out our own investigations to discover the water displacement effects of a variety of different classroom objects
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Our activity includes:

- Reading the story ‘Mr Archimedes’ Bath’ and discussing what is happening with the water in the bath when each animal gets in or out. Are the animals doing it on purpose?
- Talk about water displacement, explaining that when we put things into water, the level of the water will rise. Model this to the children by putting a large object into a tray of water, showing them how to mark the original level of the water using a whiteboard marker before putting the item in, and then marking the new level. Ask the children if they think that bigger objects will cause the water level to rise more than smaller objects would?
- The children will then explore this, working in pairs/groups of 3 to explore the effects that a variety of different objects have on the level of water displacement that occurs. The investigation should be led, as much as possible, by their own interests-e.g. some children may wish to methodically check individual items, whereas some children may be more excited to see how many objects they can put into the water before it causes a flood! The role of the teacher during the investigation is therefore not to interfere, but to allow children to take the investigation where they want it to go, supporting them in finding meaning in what is happening

- EXTENSION-children will be encouraged to record their findings in ways meaningful to them. The teacher will model different ways to do this, either numerically or pictorially.

You might wish to help your child to explore this topic at home or when you are out and about. Please feel free to approach the teachers for further explanations.

Our suggested activities are:

- Explore water displacement at home wherever possible-for example at bath time, what happens to the water when they get into the bath? If they wash with siblings, what will happen to the water when their sibling gets in?

