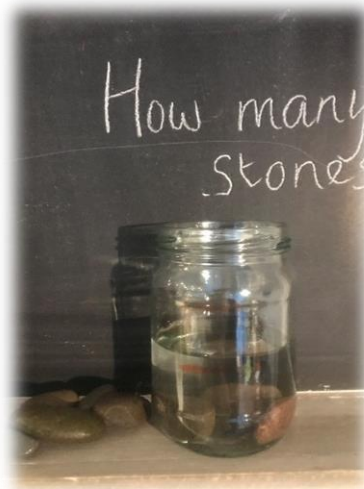


Cumbria County Council  
*Early Years Team*

**What can I do  
today?**



**This week it is ...stones**

## **Tuesday**

### **Water displacement experiment**

- For this experiment you need a collection of stones roughly the same size, a clear jar, or a clear plastic bottle (make sure the stones fit through the neck) and a marker pen.
- Fill your jar or bottle half full of water and draw a line of the water level with your marker pen on the outside of the jar/bottle.
- Ask your child to add the stones one by one. What do they notice is happening?
- How many stones do they think it will take to make the water reach the top (or up to another line you have drawn)?
- Explain that when you put an object into water it pushes the water out of the way and takes the place of the water. We say this is water displacement. Don't be afraid of using big words with small children – they can often name dinosaurs with very long names!
- The story 'Mr Archimede's Bath' by Pamela Allen explains this wonderfully!