



Fizzy Moon Rocks

#283



3-5 years



Multiage



6-12 years

HOW DO I SET UP & PLAY?

Curiosity Spark - What can you see, feel, hear and smell when we add vinegar?

- Add 2 cups of bicarb to a large bowl (play around with the amount, I usually end up using the whole box as the children love making a lot of rocks!)
- Mix up your watercolours - you can use darker colours for a space theme or keep it colourful, it's up to you.
- Add coloured water to the bicarb soda slowly - you are aiming for a crumbly mix. It won't look like a ball of dough but can be pressed together. Make sure to let children help with mixing.
- Pass out a little mix for each child in a bowl so they can roll and shape into their moon rock. Don't aim for perfection here, let them create. Place in the freezer for around 30 minutes to harden.
- Place a few space rocks each into an individual bowl and set out some bowls with the vinegar or lemon juice.
- Show children how to squirt a little onto their rocks using the dropper or baster then watch it fizz!

EXTENDING LEARNING SPARKS

- For an easier option - set out some cookie cutter shapes into a dish or tray then fill with bicarb soda. Using a dropper children can add vinegar and watch it bubble up and over the cutter sides.

WHAT MATERIALS DO I NEED?

- 1 Box Bicarbonate of Soda
- White Vinegar (or lemon juice if you don't like the smell of vinegar)
- Water
- Edicol paint powder dye or food coloring
- Tray/tub with deep sides or individual containers for each child if you need to keep sensory play separate.
- Medicine dropper, turkey baster, squeeze bottle (tomato sauce ones work well).



Exploring & using my senses



Exploring Simple Science Concepts