Dancing Noodles Science Experiment

You will need:

Clear glass jar
Cooked noodles
Water
Vinegar (preferably distilled)
Baking soda
Food colouring
Spoon/fork
Towel

The Activity

1. Put water and vinegar in the jar in a ratio of 1:1 (equal amounts of both). It depends on the size of your glass jar as to how much you put in.
2. Cut the noodles up into smaller pieces so they fit into the jar without bending.
3. Add the cooked noodles to the water and vinegar and add a few drops of food colouring if you choose to. Stir the mixture.
4. Get ready for the fun part! Add a tablespoon at a time of baking soda to the jar and watch what happens. The noodles will start to 'dance' up and down the jar.
5. It is at this stage you may need your towel to clear up any 'explosions'.
6. After about 10 tablespoons of baking soda the experiment will stop working. If the children want to repeat it then you will need to replace all the water and vinegar and start again.

Note: This experiment can also be carried out using rice instead of noodles.