**Science**

**Thursday 7th May 2020**

**Materials – Zoom In, Zoom Out**

Use your knowledge about materials to try to predict what the following object is. Make a prediction at each stage explaining **why**.



**I predict…**



**I predict…**



**I predict…**



**I predict…**

**ANSWER ON THE NEXT PAGE…NO CHEATING!**



**What is dissolving?**

Watch the following clip to find out all about the process of dissolving.

<https://www.bbc.co.uk/bitesize/topics/zcvv4wx/articles/zpbdpbk>



**Activity**

**This activity works best in clear cups/glass.**

* **You need to find as many solids in your house to put into glasses of water. E.g., flour, salt, sand, soil, baking soda, sugar, rice etc.**
* **Make a prediction in the table below before filling your glasses.**
* **Fill each glass with the same amount of water. Add in to each separate glass the solid (to make it a fair test use the same amount e.g. 1 teaspoon/tablespoon)**
* **Observe if the solid is soluble or insoluble (does it dissolve or not)**
* **Complete the rest of the table.**

|  |  |  |
| --- | --- | --- |
| **Solid Used** | **Prediction**  **Will it dissolve or not?** | **Soluble or Insoluble?** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**Were your predictions correct? Did any results surprise you?**