

## Year 4 Project Homework

### Title: States of matter (Solids, liquids and gases)

This homework has been set from Monday 19th March 2018

The homework project is due in on Wednesday 27<sup>th</sup> March 2018

For this project homework, can you please select one or more activities below and complete them. You will present what you have found out to the rest of your class. Please ask for whatever paper you need from your teacher during the homework project.

This homework project is for the whole family to get involved with and we would encourage children to get help completing any of the activities.

<p><b>Soda Pop in a Balloon</b> Before drinking that soda, see what happens when the gas leaves the bottle.</p>	<p><b>Cloud in a Bottle</b> Create your very own piece of the sky with this project.</p>	<p><b>Sugar Crystals on a String</b> Enjoy the sweet rewards of this evaporation test.</p>	<p><b>Solid to liquid to Solid</b> One of the easiest ways to understand how states of matter change is to make yummy ice pops.</p>
<p><b>Homemade Water Purifier</b> Create a very simple water purification system.</p>	<p><b>Soap Bubble Shapes</b> Have fun blowing bubbles while learning about surface tension.</p>	<p><b>Water Surface Stretch</b> See how far you can stretch the surface of water.</p>	<p><b>Cut and Connect Water Drops</b> Try your luck at splicing and reconnecting water.</p>

**Free choice:** Pick an activity of your own to complete. Remember it has to be about States of Matter- solids, liquids and gases

Try this websites at home or in homework club:

<https://lifestyle.howstuffworks.com/crafts/other-arts-crafts/science-projects-for-kids-states-of-matter.htm>