

Science Week 7: Solar Science

Our activities this week are all aimed at exploring beyond our planet, to the stars (including our own star, the Sun), with some rocket-fun added in too! You can make a sundial, a constellation viewer in a tube and a balloon-powered rocket. Hopefully you can try some stargazing over the holidays too!

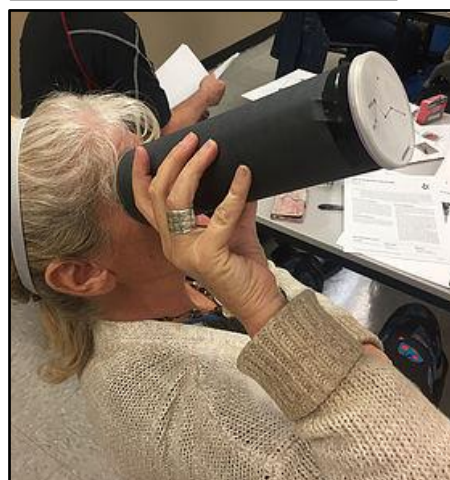
1. Make a sundial

If you click [here](#) you will find instructions for how to make a sundial (sunny day needed!). The sundial made in this link is very basic, so if you want to make a better-looking one, like the one pictured on the right, try this link [here](#). Alternatively, for some ideas of how to make a sundial using natural materials, click [here](#).



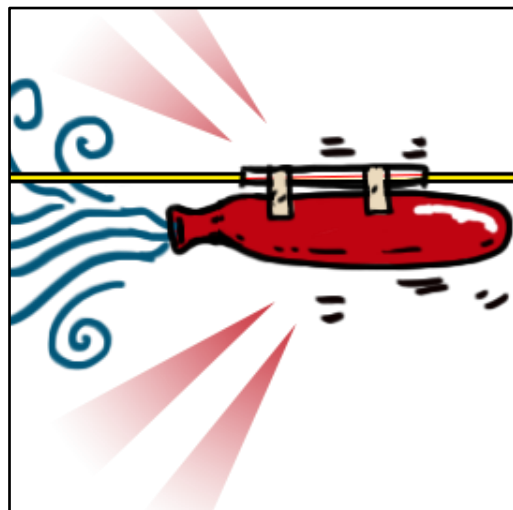
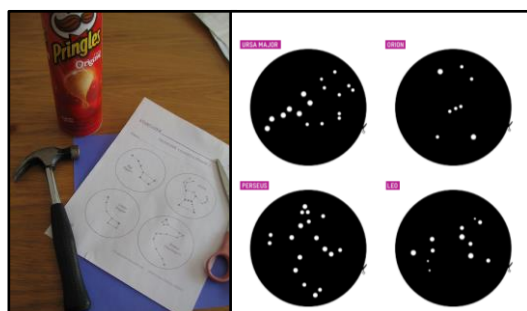
2. Make constellations in a tube

If you click [here](#) you will find a brilliant PDF from BBC Stargazing Live with lots of fantastic ideas for exploring the night sky. Scroll down to the page entitled 'Can-stellations' where you will find out how you can make a constellation viewer to use at home. I have made this before and it works really well and is a great introduction to some of our constellations. Kitchen roll tubes can be used as an alternative to a crisp can. Why not have a go at adding some constellations to your collection? And do try and get out during the summer holidays and view the stars in our night sky too!



3. Make a balloon rocket

You will need a decent amount of space for this one, so if space indoors is a bit tight, see if you can take this activity outside (ideally on a still day). Click [here](#) to watch a video explaining how to make a balloon rocket or click [here](#) for written instructions and an explanation of the science (as well as questions you could investigate using your balloon rocket). The second link says that you need kite string, but I have done this with cotton thread, wool and thin parcel string.



I hope you enjoy the final week of science activities. Please do email me by Friday 17th July with any photos of your science learning that you would like me to share in the science gallery. Have a wonderful summer holiday!