



## Year 5 TOPIC HOMEWORK Spring First Half Term

### Stargazers

**Topic tasks:** Choose one of these topics to research:

***Houston, we have a problem!***

Conduct research into the life of an astronaut. You could keep a diary as an astronaut, create instructions about astronaut training and design an information sheet on astronaut clothing.

***Is Pluto a planet?***

In our solar system we have many different planets, moons and stars. Create an ICT-based presentation or booklet that includes facts, maps and images about 5 of the planets (other than Earth) that are located within our Solar System.

***Perfect Planetarium***

Follow the guide provided ([http://downloads.bbc.co.uk/tv/guides/bbc\\_stargazing\\_live\\_activity\\_pack.pdf](http://downloads.bbc.co.uk/tv/guides/bbc_stargazing_live_activity_pack.pdf)) to design your own mini-planetarium! You will need to do some research into the different constellations.

***"To infinity and beyond!"***

Space travel would never have been possible without the invention of the Space Ship and rockets. Complete some research on space ships (what they look like, how they work, what they are made out of, etc.) and then design 3 of your own models to be approved by NASA. Include drawings, detailed facts about the ships, how they are similar to other ships and if you dare, build your own miniature version of it!



### Useful Websites:

<http://www.kidsastronomy.com/>

<http://www.esa.int/esaKIDSen/>

<http://spaceplace.nasa.gov/>

<http://www.planetsforkids.org/>

[http://www.nasa.gov/audience/for\\_kids/kidsclub/flash/index.html#.UrLGLtLwao0](http://www.nasa.gov/audience/for_kids/kidsclub/flash/index.html#.UrLGLtLwao0)

Since you are producing one piece of homework from the options above, we would like this to be presented to a high standard. We will see the final piece, but you will need to have done the following:

- Thorough research
- Made notes
- Planned your work
- Made a first draft
- Edited and improved your initial ideas
- Checked for spelling and grammar accuracy
- Completed a final piece with illustrations if you wish

*We encourage help and support from parents, carers and other adults, but make sure what you hand in to be marked is your own work!*

**To be handed in on Friday 3<sup>rd</sup> February 2017**