

## Kingfishers Home Learning, Terms 5 and 6, 2018.

This term we are starting our new topic about Space! Please choose from the 8 items on the grid to do in your homework books. As a guide please choose from the top 4 in term 5 and from the bottom 4 in term 6. Please ensure that daily reading, spelling and maths activities take priority.

<b>Term 5</b>	<b>The Solar System</b> Choose and research one of the planets from our solar system and carefully draw and label it in your homework book. Add some sentences to describe its surface and whether or not it has moons, rings or any other special features.	<b>The Moon</b> Research and write a list of facts about the first moon landings. Who got there first? How long did it take? What was it like there? How did the astronauts get back to Earth?	<b>A Day in the Life of an Astronaut</b> Imagine you are an astronaut spending 6 months on the International Space Station like Tim Peake. Write a letter home to your family telling them about your day. What would you eat? What jobs would you do? How would you feel? Did you go on a space walk?	<b>Space Maths + and -</b> Write an addition or subtraction maths problem for the class to solve but make it to do with space.  For example: 6 aliens land on the moon, but 3 leave on the next rocket. How many are left?
<b>Term 6</b>	<b>Meet the Aliens</b> After reading the book <i>Begu</i> with the class, imagine that an alien really did come into the playground at playtime. Draw a picture of what it looked like. Write a few sentences explaining what happened? How did you feel?	<b>Design Your Own Rocket</b> Draw and label a model rocket. Describe the materials it is made from. What special features will it need to be safe and comfortable for the astronauts travelling in it?	<b>The Sky at Night</b> One weekend look up at the sky on a clear night, or find out by looking in a book or computer. See if you can find the constellation called 'The Plough'. Draw it out carefully in your book. Can you also draw and label any of the other constellations?	<b>Space Maths - Time</b> Write another maths problem for the class to solve using time but make it to do with space.  For example: An astronaut left earth in a rocket at 4 o'clock. His journey to the moon took 3 hours. What time did he arrive on the moon?

### Useful websites:

<http://www.spacekids.co.uk/learn/>

<http://www.bbc.co.uk/education/clips/zy89wmn>

[http://news.bbc.co.uk/onthisday/hi/dates/stories/july/21/newsid\\_2635000/2635845.stm](http://news.bbc.co.uk/onthisday/hi/dates/stories/july/21/newsid_2635000/2635845.stm)

<https://principia.org.uk/>

<https://www.theguardian.com/science/2015/dec/15/tim-peake-british-astronauts-space-mission-at-a-glance>

<http://www.bbc.co.uk/newsround/34792925>

<http://www.dltk-kids.com/crafts/space/mrocket.htm>

<http://www.ducksters.com/science/physics/constellations.php>