Highwood Primary School Year 5 Home Learning Grid (Summer 1)
Choose which challenge you wish to complete each week. You need to hand it in on a **Tuesday**. Remember that if you want to use the internet, ask an adult to supervise and help you and remember to use the search engine 'Kiddle' to find websites. Parents please **sign and date** on the line in the box when a task has been completed. There are also links to other subjects given if you wish to do another similar task. **There will be merits available for a well organised and a well presented layout.**

Ongoing tasks:
1) Practise your times tables to x12 so you can recall them quickly in any order. Top tip: chant them on the way to school!
2) Complete your spellings sent alongside the grid each week.
3) Read every day at home and talk about what you have read. Top tip: no technology in the bedroom, just a good book before going to sleep!

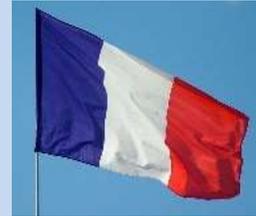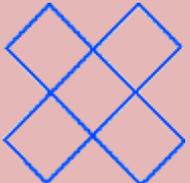|		
Personal Social Health Education This term we will be learning about the human life cycle. **Challenge 1:** Make a poster of how you have changed since you were born! These can be physical, emotional and social changes. How have you become more independent? You could present this as a life cycle. **Challenge 2:** What aspirations do you have for the future? Add these to the poster you have made for Challenge 1. **W/B:** Any time over this half term. Parent/Carer Signature: _____	**French** Create a word search game and include five pairs of antonym adjectives, e.g: chaud/froid; clair/sombre; heureux/triste. Remember to show the translation for each word. **W/B:** 30.04.17 Parent/Carer Signature:_____	**Science** This term we will be studying the Solar System. In Literacy, you generated questions about space that you wanted to find the answer to. For homework, we would like you to **research** these questions and present what you find out in **a fact file, poster or powerpoint presentation to your class.** Make sure you have key facts to share in an interesting and clear way, in your own words. You could try these websites: 1. http://space-facts.com/ 2. https://solarsystem.nasa.gov/kids/index.cfm# 3. http://www.solarsystemscope.com/ 4. http://www.bbc.co.uk/science/space/solarsystem/sun_and_planets 5. http://www.bbc.co.uk/programmes/b00qyxfb/clips **W/B:** Any time over this half term. Parent/Carer Signature:_____ _
Literacy **Biographies.** **Challenge 1:** Research the life of a famous astronaut. Write up what you have found out as a timeline. Here's an example: **http://www.bbc.co.uk/timelines/z2gxp39** **Challenge 2:** Write a biography of a famous astronaut. Use high level vocabulary and description to make your biography interesting to read. **W/B:** Any time over this half term. Parent/ Carer Signature:_____	**Literacy** **Challenge 1:** Research life on the International Space Station. Write an explanation of how to wash, eat, sleep and exercise there. This link will help you: https://www.nasa.gov/audience/foreducators/stem-on-station/dayinthelife **Challenge 2**: Write a diary from the point of view of an astronaut living in the International Space Station. Remember to include feelings, thoughts, description and high level vocabulary. **W/B:** Any time over this half term. Parent/Carer Signature:_____	**Mathematics** Arrange 5 different digits (from 0 to 9) in the cross so that: 1. The total of the 4 outside numbers is equal to the middle number. 2. The top 2 numbers multiplied together are also equal to the middle number. 3. The sum of the 3 numbers forming a diagonal is equal to the other 3 numbers forming the other diagonal. **W/B:** Any time over this half term. Parent/ Carer Signature:_____
Mathematics **Challenge 1:** There are three dice, each of them with faces labelled from 1 to 6. When the dice are rolled they can be combined in six different ways to make a number less than 10 with two decimal places. For example, if I roll a 2, a 3 and 6, I can combine them to make 2.36, 2.63, 3.26, 3.62, 6.23 or 6.32. Now round each of these numbers to the nearest whole number: 2.36 rounds to 2, 2.63 rounds to 3 etc. **Challenge 2:** Can each of the six numbers round to the same whole number? Can each of the six numbers round to a different whole number? **W/B:** 24.4.17 Parent/Carer Signature:_____	**Mathematics** Four Operations! **Challenge 1:** a) $8,456 \div 5 = ?$ b) $4379 \times 43 = ?$ c) $? - 2,673 = 46,965$ d) $4^2 \times 6^2 = 435 + ?$ **Challenge 2:** Create a word problem for each of the above number sentences (ensure you have solved them first). Can someone at home solve them? **W/B:** Any time over this half term. Parent/ Carer Signature:_____	**Free Choice** Choose to do a task that is related to something that you have been learning about in school. Write a short description or draw a picture of what you did and why. You can choose this option more than once! **Parent/Carer signature………………………** **Parent/Carer signature………………………** **Parent/Carer signature………………………**