**Year 5 Homework – Autumn 2019  
Complete at least 5, including the centre, by 16th December.**

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| **Make a 3D Solar System** | **Be the Teacher!**  Write an explanation telling someone how to calculate the area and perimeter of 5 different objects e.g. table, note-book, DVD case etc.  Make sure you include all the steps and test it on a friendly adult!  If you want to, you can make a Powerpoint and teach the class. | **Research your favourite famous leader from our history topic.  Write a fact file to show your findings:**   * Who did they lead? * What kind of leader were they? * For what were they most famous? * What else can you find out? |
| **The eight compass points.**  Create an eight point compass at home.  Remember to use the points name to label - not just the letter. | **Writing Activity (Compulsory)**  **Use your Year5 Skills**   1. Write a story where your character has had to work in a team to solve a problem.. 2. Write a diary entry of a famous world leader from one of the following choices:   Alexander the Great, Julius Cesar, Elizabeth I, Napoleon Bonaparte, George Washington, Winston Churchill and Martin Luther King. | **Design a Poster**  Create a poster celebrating what makes a great team.  Make it colourful and eye-catching.. |
| **Plan a holiday.**  **Create a holiday file**   * What is the longitude and latitude of your chosen country? * In what time-zone is it - how far ahead of the U.K is it? * What direction would you need to travel to get there from home? * Can you find some interesting facts about your country? | **Forces- Water resistance**  **Can you make a boat that floats?**  What shape do you need your boat to be?  Does the material from which your boat is made matter? | **Draw a still life**  Pose and draw your own pencil still life.  Remember to focus on light source and shading.  . |