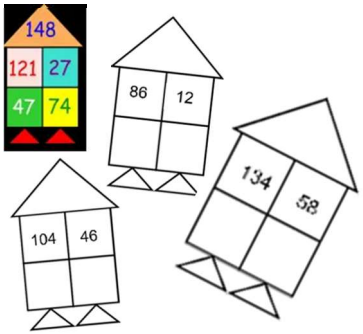
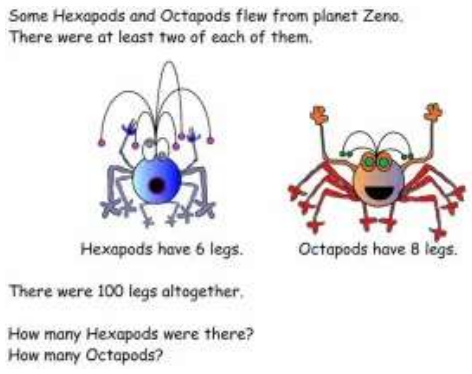
Upper Key Stage 2 – Home Learning. All activities optional. No need to send anything in but send in if pleased and proud.

HD	Monday 8th June 2020	Tuesday	Wednesday	Thursday	Friday
Maths Log on to Daily BBC Bitesize if that's your routine.	What is the red number worth in each of these space-themed facts? • The Milky Way orbits at a speed of 504,000mph. • There is a black hole four million times the size of the sun at the centre of the Milky Way – it is 28,000 light years away • Neptune experiences winds of up to 1600mph! • Every year the moon spirals a further 3.8cm from Earth	Put the radiuses (distance from the outside to the centre) of the planets in ascending order.  58,232km 3389.5km 69,911km 24,622km 6,051.8km 2,439.7km 6,371km 25,362km	Sum and difference rockets  	 	Draw a star constellation pattern using a pencil and a ruler. What shapes can you see inside your drawing? 
English	**Discovery** You have discovered a new planet! Draw a picture of your planet and write a fact file showing key information: - Colour - Size (km radius as in the maths above) - Mass (kg) - Distance from the sun - Surface temperature - Orbit time around the sun	**Experience** Using your senses, write a description that helps your reader get a feel for what it's like there… 	**Space Kit** You can choose 3 luxury items to take up to space with you. What would they be and why?  	**Awesome Astronauts – Two Tims** https://blog.sciencemuseum.org.uk/a-tale-of-two-tims/ Enjoy watching and reading this information about Tim Peake, his crew mate Tim Kopra and their space adventure. Talk with your family about what you heard from the two astronauts. What was your favourite fact or story they told?	
Topic	**Science – Gravity and Air Resistance** Gravity pulls from the centre of the Earth which is why we stay standing and do not float around as we would in space! But do heavier objects fall faster? 1. Choose a light and a heavy object 2. Drop them from the same height, using a timer to measure how long they take to hit the ground. 3. Was there a difference in time? https://www.bbc.co.uk/bitesize/clips/zvqd7ty  1. Find a toy figure (Lego or similar) which you are going to build a parachute for 2. Attach a parachute (make from string and your choice of material – plastic bag, paper, pants!) 3. Throw your figure up from a height and measure how long it takes to reach the ground. 4. Do different parachutes keep the figure in the air for longer? https://www.bbc.co.uk/bitesize/clips/zqshfg8		**Art – Layer it up!**   Create a picture in the style of the American artist Peter Thorpe. Many of his pieces are in 2 parts – an abstract, colourful background with a rocket design mounted on top. Paint, chalk, pencils – all useful for this activity.	**Spanish – Planets** https://www.lightbulblanguages.co.uk/home-spanish.htm#1120 Start by choosing 2 planets to learn the names of. Once you can do that, add more until you reach your limit.  Mercurio, Venus, Tierra Marte, Júpiter, Saturno Urano, Neptuno	**Space Quiz** Find out the answers to these quiz questions and email your answers to us.  1. In which American state is the Kennedy Space Centre? 2. Laika, the first space dog was from which country? 3. Who was the first woman to travel into space? 4. What does NASA stand for?