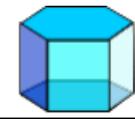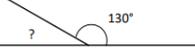|	Year 6 Spring 2 2022 Homework Schedule					

	Daily home reading with an adult, of at least 20 minutes is proved to have an impact on children's development and attainment within school.			Peer's Comment	Parent's Comment	Teacher's Comment
	STEAM **Topic: Human and Civil Rights** **Science: Electricity**	**Arithmetic**	**Spelling** Using Spelling Shed platform.			
Set: 25/02/22 Due: 02/03/22	Create a list of all the electrical appliances in your house. How long are they kept plugged in for? What will happen if you turn off the electrical supply. Make a second list of those items – items that need constant supply of electricity (e.g. a fridge) and ones you can turn on and off (e.g. PlayStation) **Arithmetic:** Sumdog Challenge and Mathshed. <u>Challenge:</u> **Can you use a smart-meter at home to calculate how much electric is used in your household on a daily or weekly**		<u>List 23</u> influential martial spatial partial confidential essential substantial potential sequential torrential			
Set: 04/03/22 Due: 09/03/22	Can you draw a scientific diagram for these electrical components? • Wire • Bulb • Battery / cell • Switch • Buzzer • Switch <u>Challenge:</u> **Can you draw a series circuit? Can you draw a parallel circuit? What's the difference between the two?**	1. 20 + 0.6 + 0.02 2. 360 ÷ 4 3. How many edges on this shape? 4. I have a litre bottle of juice, I drink 650ml. How much is left? 5. Which two numbers have a sum of 15 and a product of 36? 6. If x = 5, what is (2x + 8) ÷ 3 =	<u>List 24</u> accompany accommodate access accuse accost accrue accuracy accomplish accentuate accumulate			

Set: 11/03/22 Due: 16/03/22	Renewable vs Non- Renewable Energy. List these sources of energy into two groups and find the benefit and drawbacks for each source. Add a picture to each: • Oil Coal Gas • Wind Solar Tidal **Challenge:** **Use an old electric/gas bill to work out how much of your provider's energy come from renewable and non-renewable sources. Draw a table to show the breakdown.**	1. Which two numbers have a sum of 15 and a product of 36? 2. (1gallon=8 pints) how many pints make 6 gallons? 3. 4 ½ - 1 2/3 = 4. Write all the factors of 36 5. Which of these is not a multiple of 3? 81 111 73 27 105 6. How many months are in the first ¾ of a year?	List 25 changeably noticeably dependably comfortably reasonably adorably valuably believably considerably tolerably			
Set: 18/03/22 Due: 23/03/22	**RE – Symbols** Create your own symbol that represents you. Use the symbols from our first RE lesson to look at the examples and then think about your own. **Challenge:** **Can you include any of the nine habits in your symbol?**	1. What is ¾ of 20m? 2. Round 6.283 to 1dp and 2dp 3. 15 x ___ = 0.015 4. What is the value of 3(x-6) when x = 11 5. An adult tick is £12 and a child ticket is £8. I pay for 2 adults and 3 children with a £50 notes. How much change?	List 26 reversible incredible possible horrible terrible responsible legible forcible sensible visible			
Set: 25/03/22 Due: 30/03/22	1. Why is climate change important? 2. What are the problems causing climate change to be important? 3. What is being done to help reverse climate change? Create a poster / digital presentation to answer these questions and show the importance of reversing climate change. **Challenge:** **Create a short monologue to explain what you will do to stop climate change. How will you help to influence others.**	1. Find ¾ of 32 2. 1 – 0.92 3. Find the value of x (x-6) ÷ 3 when x = 21 4. 10 x 4 = 26 + _____ 5. Write quarter to 7 in the evening as a 24-hour reading 6. A skipping rope is 210cm long, how many 10m pieces can I cut it up into?	List 27 reversibly responsibly possibly horribly terribly visibly incredibly sensibly forcibly legibly			

Set/Due	Topic	Questions	Spelling List			
Set: 01/04/22 Due: 06/04/22	Who were these activists? And what did they do for their communities? • Greta Thunberg • Malala Yousafzai • Marley Diaz • Ryan Hickman • Iqbal Masih **Challenge: What are you passionate about changing in the world? Complete a comparison table to show what the problem might be and what you can do as an individual to change it.**	1. What is the missing number? 7.3 _____ 8.1 8.5 8.9? 2. What 3D shape is this the net for? 3. How many faces does a triangular prism have? 4. In a group of 25, 3/5 like to play tennis. How many do not like tennis? 5. Riley and Harry's age add up to 23, Riley is 5 years older than Harry. How old are they?	List 28 excellent excellence silent silence evident evidence convenient convenience different difference			
Set: 08/04/22 Due: 27/04/22	Our next topic is community. What does community mean to you? What would the features of your ideal community be? How would you rule if you were in charge? Can you use your symbol as anything significant in your community? Represent you design in a manner of your choice. **Challenge: How would you manage the following in your community:** • **Finances** • **Crime** • **Disputes** • **Housing** • **Education** • **Energy sources:**	1. What is the mean of 13, 7, 8 and 4? 2. Which is the smallest? 0.37 0.194 0.6 0.473 0.29 3. 3 2/5 + 2 3/10 = 4. How much is half of a quarter? 5. Write down 0.7 as a fraction and a $130°$? decimal. 6. What is the missing angle?	List 29 computer superior customer soldier shoulder interior calendar popular particular radiator			