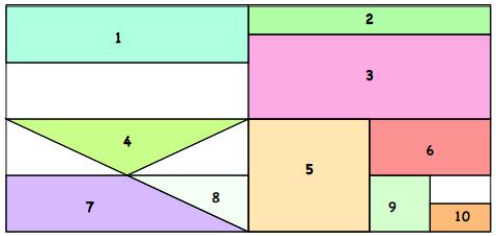
Year Four: Summer Term 1 Homework Grid

Over the next half term, please choose one activity to complete per week. The activities are split across 5 subjects, each with a different skills focus. You must choose at least one of the activities from each of the different subjects over this half term. You can choose the order in which you complete these activities. Please hand in one piece of work in on the Monday of each week. **Remember, presentation is important!**

Ongoing maths activity: Choose from the grid below
Ongoing reading activity: To read at least three times with an adult and record in your Reading Record.
Spelling activity: To revise and practise spelling words from the Years 3 and 4 key words list.

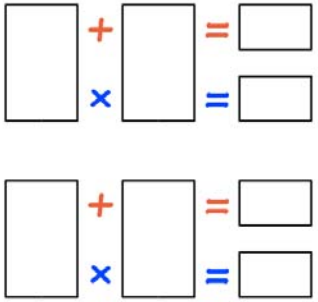
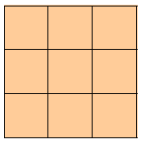
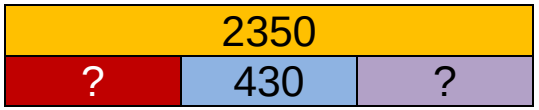
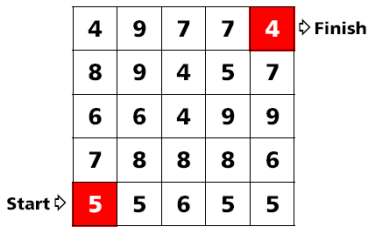
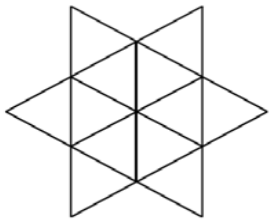
English	English	Science	Art
Reading Challenge! Read a book that you normally wouldn't read! Try a different author or genre. Or maybe try a non-fiction book (or some poetry) if you normally read fiction or vice versa. Write a report on the book. Include: • A couple of sentences which summarise the book. • A couple of sentences which give your opinion of the book. You have to justify your opinion, why do you like/dislike this story? What do you like/dislike about the book? • Who do you think the book is suitable for? Is it aimed at adults, children or teenagers, fans of football, dancing or food for example? Signature_____	**Diary Extract** Write a diary entry based upon a time you spent with friends. Remember the following points: • It should be written in first person – using the word 'I' • It should be written in past tense – I swam instead of I will swim/I am swimming • Write in chronological order – the order in which things happened • Use indirect speech (do not use speech marks) – Mark said that he'd come to my party instead of Mark said, "I'll come to your party." Extension: try to edit and up-level either three incorrect spellings, missing punctuation or improve your vocabulary choices. Remember to use another colour for your editing. Signature_____	**Research** Research and find 6-8 facts on fossil fuels and 6-8 facts on renewable energy. This could include: Types of energy. How they are collected. How they work. How long they can last for. How expensive they are. How much of each we use. What we could do to use less. What appliances they are used for. **Extension** Present your findings as a poster or small leaflet. You may show a balanced argument, or show support towards one particular side. Signature_____	**A mugshot** Create a mugshot for yourself or another person to help Scotland Yard catch a criminal. You will need to: • Take a black and white photograph (close up, head and shoulders only, front view and right hand side). • Photograph must not show the person smiling or wearing a disguise. • Hold a sign in front to show the location of the police station e.g. Tring, Herts., a reference number and the date. • Print out your mugshot and glue carefully into your book. • Write a brief description of the crime which has been committed. Signature_____

Maths	Maths	History	Family week
Word problems Please see the sheet of word problems involving different operations. Watch out! There may be more than one part/step to the problem! Remember to: 1. Read the question carefully 2. Highlight the key information 3. Decide on the operation/s and write the number sentence/s in your homework book. 4. Work out the answers 5. Add any units (e.g. cars, cm etc.) **Extension** Prove it! Check your answers are correct by using estimation (rounding to the nearest whole number, 10, 100 or 1000) or use the inverse. Signature_____	**Investigation** Rectangle Tangle. **(see sheet)** The large rectangle below is divided into a series of smaller quadrilaterals and triangles. Each of the shapes is a fractional part of the large rectangle. Can you untangle what fractional part is represented by each of the ten numbered shapes?  For example: 2+3 = $\frac{1}{4}$ The (green) 2 and the (pink) 3 quadrilaterals above make up one quarter of the whole shape. How many other fractions can you find? Signature_____	**Crime and Punishment** 'No one has the right to break the law' What do you think? Explain your opinion. You may want to use these sentence starters to help you and ask other people at home for their opinion. Is their view different to yours? - Some people would agree with the statement because… - Some people would disagree with the statement because… - Therefore, I agree/disagree with the statement because… You may want to include examples of when people have broken the law, such as speeding, smoking in public spaces and/or driving without a seatbelt. Signature_____	Use this opportunity to explore something as a family. You might like to record and share what it is you do this week or you might like to choose to spend this week being busy with your family. It could be: • A walk in the woods. • A household chore. • Eating a meal together. • Just a busy weekend as a family. It's up to you! Signature_____

Home Learning pack includes: Word problems sheet, Rectangle Tangle sheet, Years 3 and 4 Key Words spelling list.

Year 4 Maths Home-Learning Grid

Complete one of these activities a week.
Write the short date and highlight when you complete a task.

Draw diagrams to represent different fractions (e.g. 2/5, 6/8, ¾) Use a ruler!	**Write down a 2 digit number** 62 **Reverse the digits** 26 **Work out the difference** 62 − 26 = 36 **Try more 2 digit numbers. Can you see a pattern?** **What happens with 3 digit numbers?**	**Find 2 numbers whose sum is ____ and product is ____ .** 
To learn and practise multiplication tables until you are able to recall them rapidly.	**Can you put the digits 1 to 9 in a square so that every row, column and diagonal add to 15?** 	Look carefully at the bar model below. Calculate the missing amount and record as many number sentences as you can from this. Can you include fractions? 
 **Add the numbers as you go. Can you make exactly 53 ?**	**How many triangles can you see in this picture?** 	Find as many factors for the number 60. e.g. 2 x 30 = 60, 2 and 30 are both factors of 60.