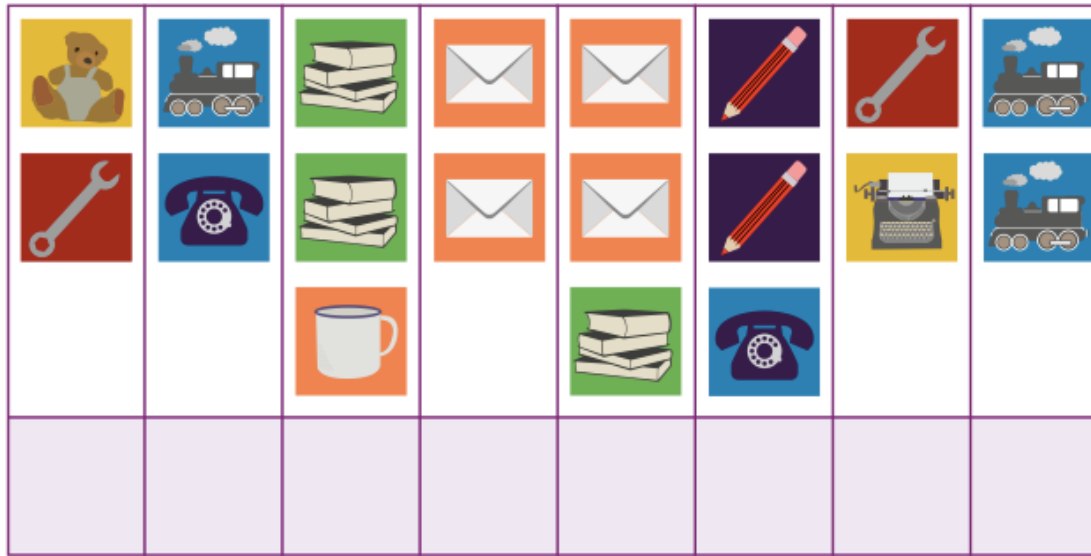| Years 5 and 6	
Monday	Maths: TT Rockstars: Try some daily rockstars. Can you challenge other children to battles and can you improve your time and score? My Maths: There are plenty of tasks on My Maths for you to complete. I'm checking the activities online myself and know that there are a number for you to choose from! Activity: Using the following link: https://nrich.maths.org/12672 Can you answer the Always, Sometimes or Never questions? Remember you will need to do some calculations to help you answer the questions.
	English: Reading: Try to read some of your book every day. When you finish a book, complete a book review in your green book. SPAG: Use spag.com and choose a task that you would like to complete. Writing: This week focuses on all things magic! Read the prologue of the Nowhere Emporium – pages 7-10. https://www.lovereading4kids.co.uk/book/10854/The-Nowhere-Emporium-by-Ross-MacKenzie.html Select your ten favourite words/phrases from the prologue and write them down. Then select your overall favourite and explain why you have chosen this. Create a poster to advertise/persuade someone to enter the Nowhere Emporium based on what you have read. Think about selecting some of your favourite words/phrases from the first activity to use for your poster. You may want to video this instead. Imagine you are a ring master inviting people to come to see 'The Nowhere Emporium'. Watch 'The Greatest Showman' opening https://www.youtube.com/watch?v=EA6apQpDvWc for inspiration.
	Topic:

		History- Examine route maps for the railways such as the 1850 Bradshaw's Map of the Railways on the Consulting Detective website (http://www.theconsultingdetective.com/graphics/bradshaw_map_flat72dpi.jpg) and this one of the North West coast on the Ancestry website (http://freepages.rootsweb.com/~genmaps/genealogy/genfiles/COU_files/ENG/LAN/Blackpool_1844_45.html). • Which are the main lines to and from London? • Which are the main towns or cities that are on the lines? • Why might the railways have been important to the Victorian economy or the trade in the towns or cities through which they passed? • Do any of the lines go to coastal areas?
	Tuesday	Maths: <u>TT Rockstars:</u> Try some daily rockstars. Can you challenge other children to battles and can you improve your time and score? <u>My Maths:</u> There are plenty of tasks on My Maths for you to complete. <u>Activity:</u> Bletchley Park is a place of exceptional historical importance. Bletchley Park is a vibrant heritage attraction and museum, open daily to visitors. It is located in Milton Keynes. It was the home of British World War Two codebreaking; a place where technological innovation and human endeavour came together to made ground-breaking achievements that have helped shape the world we live in today. Can you break the code on the 'Codebreaker' activity? Step 1: Work out the value of each picture: In box 1, there are 3 cups with a total of 9 looking across…this means 9 ÷ 3=3 so a cup is 3. Once you know that, you can work out a different row/column. The column with 2 cups and a teddy =8, so 3+3+ teddy =8. This means 8-6=2 so a teddy must be 2.

mug	teddy	typewriter	
mug	mug	mug	9
teddy	teddy	typewriter	8
8			

teddy	telephone	pencil	
wrench	mug	mug	7
books	pencil	books	17
8	16		

envelope	telephone	pencil	
wrench	mug	train	13
books	envelope	books	
14	17		

Step 2: Write the value of each picture in the grid below:

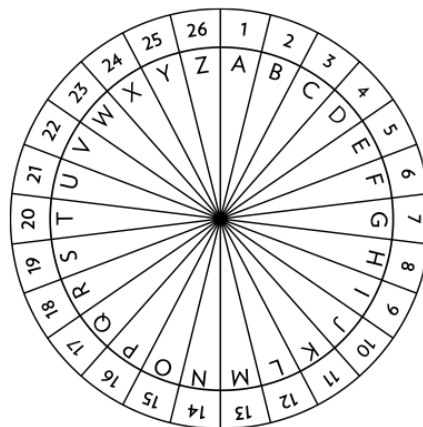|					
mug		telephone		books	
teddy		wrench		train	
typewriter		envelope		pencil	

Step 3: Add the pictures in each column below to work out the message in numbers.

Step 4: Use the code wheel to work out the message.

CODE WHEEL

English:
Reading: Try to read some of your book every day. When you finish a book, complete a book review in your green book.
SPAG: Use spag.com and choose a task that you would like to complete.

	Writing: Watch Harry Potter seeing Diagon Alley for the first time: https://www.youtube.com/watch?v=z-WEzhyc3DY (Certificate PG) Write down any similarities to the Nowhere Emporium description yesterday. Write five sentences to describe what Harry can see. Think about how to open your sentences in different ways, e.g. '*ing* opener' such as: *'Peering intently, Harry saw wonders he had never seen before'.* Now read the extract which describes this scene – scroll down to Diagon Alley on the following webpage: https://owlcation.com/academia/Scenes-from-Harry-Potter-to-help-with-descriptive-work-in-your-class-Castle-descriptions Which do you think was the most effective, text or film, to describe Diagon Alley? Write down your response giving evidence from both what you have read and watched. Write your own version of this scene – can you improve on the original?
	Topic: Art- Can you create a seaside themed collage. You can use any items you have around the house to do this. For example, you might use bubble wrap, any sand from the garden (if you have some), tissue paper and any other resources or materials you can find. You could create either a beach scene or an underwater one. You could create it on paper or in a box like some of you did when we created our animal habitats. Be creative and have fun- don't forget to send me pictures if you take any!
Wednesday	Maths: TT Rockstars: Try some daily rockstars. Can you challenge other children to battles and can you improve your time and score? My Maths: There are plenty of tasks on My Maths for you to complete. Activity: The codebreakers at Bletchley Park had to solve clues using Morse Code very quickly when they received them. Can you crack the Morse code message below?

Write the deciphered letters above the code as you work through the message.

A	•—	N	—•
B	—•••	O	———
C	—•—•	P	•——•
D	—••	Q	——•—
E	•	R	•—•
F	••—•	S	•••
G	——•	T	—
H	••••	U	••—
I	••	V	•••—
J	•———	W	•——
K	—•—	X	—••—
L	•—••	Y	—•——
M	——	Z	——••

	- How long did it take you to crack the code? - What steps did you take to try and crack it? - What difficulties did you face when attempting to complete the code? - Did you have to decode each letter or could you guess some based on letters you had already found? - What would you do differently next time to crack the code faster? - Could you write your own message for someone? It could be a family member or you could send it to me to try and solve!
	English: Reading: Try to read some of your book every day. When you finish a book, complete a book review in your green book. SPAG: Use spag.com and choose a task that you would like to complete. Writing: Watch the Teacher's TV Jewellery Box clip https://www.youtube.com/watch?v=aJ8onkCF_lI Write down your prediction – what has happened? Why? Watch again and write down some noun phrases to describe what you can see in the shop, e.g. *glistening necklaces, mysterious statues.* Now build these into interesting sentences, e.g. *Glistening necklaces, which dangled in all areas of the shop, caught my eye.* The clip builds up a lot of tension. Read this document which shows you how to build tension in writing. http://www.stmaryssabden.co.uk/wp-content/uploads/2020/06/Suspense-toolkit.pdf (This is a downloaded pdf). Have a go at writing a narrative for this scene. Choose a perspective to write it from such as: the lady, the shop-keeper, the jewellery box. Don't forget to build up the tension. Share your story with a family member in your home – how did it make them feel?
	Topic: Geography- This week we are focusing on Blackpool. Visit the town's website here (https://www.visitblackpool.com) for topical geographical information and ideas for further investigations e.g. Blackpool's Illuminations' route map, visit this website (https://www.visitblackpool.com/things-to-do/blackpool-illuminations/). Can this route map of the illuminations be located on the OS map? Annotate the digital map/ or a printed version with the features from the illuminations. Have you ever been to the illuminations? Write about what you experienced and what you enjoyed the most.
Thursday	Maths: TT Rockstars: Try some daily rockstars. Can you challenge other children to battles and can you improve your time and score? My Maths: There are plenty of tasks on My Maths for you to complete. Activity:

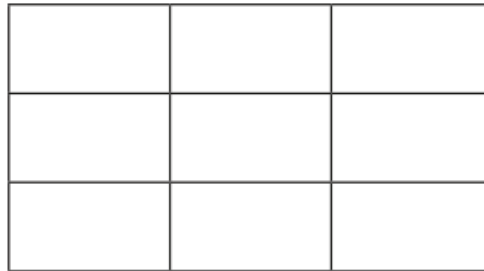| | Today and tomorrow you are going to solve clues to 'Escape the Room'. This activity is based on an escape room. Can you solve the clues given over the next two days to find the keypad code that you would need to escape the room? |

Escape the Room — Clue for Digit 1

There are 9 rectangles (including squares) in this 2 × 2 grid.

How many rectangles (including squares) are there in this 3 × 3 grid?

Add together the digits of this answer to give you the first digit of the keypad code.

Escape the Room — Clue for Digit 2

Discover the smallest square number that can be written using five different Roman numerals.

Symbol	Value
I	1
V	5
X	10
L	50
C	100
D	500
M	1000

Divide this number by 24 to discover the second digit of the keypad code.

Escape the Room — Clue for Digit 3

How many more squares need to be shaded in so that $\frac{3}{4}$ of the grid is shaded?

Add together the digits of this answer to give you the third digit of the keypad code.

Escape the Room — Clue for Digit 4

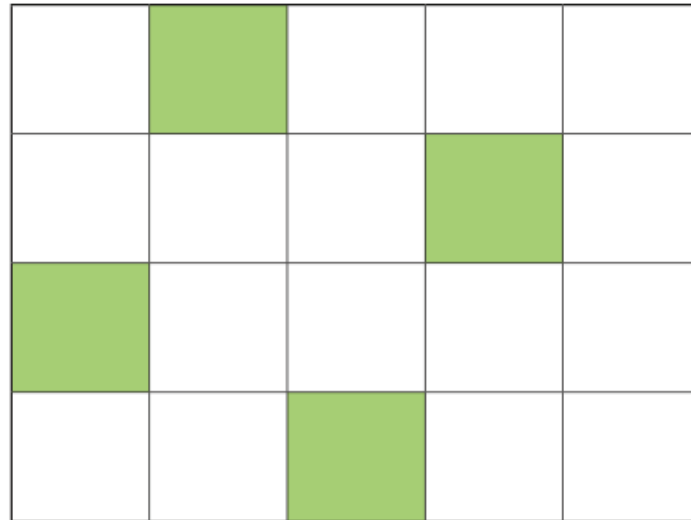Use the clues to calculate the mystery number.

• Rounded to the nearest ten, the number is 61 460.

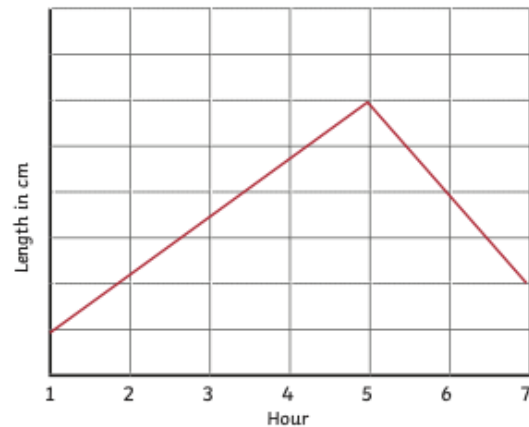• The number is divisible by 4.

• The digit sum is even.

What is the number?

Add together the digits of the mystery number to give you the fourth digit of the keypad code.

Escape the Room   Clue for Digit 5

Here is a line graph showing the length of a shadow measured over time.

A Line Graph to Show the Length of a Shadow Measured over Time

- At its shortest length, the shadow measured 40cm.

- At its longest length, the shadow measured 240cm.

- What was the length of the shadow at hour 7?

The tens digit of this answer will give you the fifth digit of the keypad code.

	English: Reading: Try to read some of your book every day. When you finish a book, complete a book review in your green book. SPAG: Use spag.com and choose a task that you would like to complete. **Writing:** Read and watch the poem 'The Magic Box' by Kit Wright. http://www.stmaryssabden.co.uk/wp-content/uploads/2020/06/THE_MAGIC_BOX.pdf (This is a downloaded pdf). https://www.bbc.co.uk/bitesize/clips/zkpmhyc Use WordHippo https://www.wordhippo.com/ to investigate any words which you are unsure of. Write synonyms of these words and a definition. Imagine the poem is now called 'The Magic Shop'. What would you find in your magic shop? List some noun phrases to describe your magic shop. Now write your own poem called 'The Magic Shop' using the structure of 'The Magic Box', e.g. *'I will put in the shop* *A delicate, ornate wand swishing silently on its own'*
	Topic: Computing- I have set a 2do on Purple Mash called 'Magician'. Keep working hard on your coding- your new skills are very impressive!
Friday	**Maths:** TT Rockstars: Try some daily rockstars. Can you challenge other children to battles and can you improve your time and score? My Maths: There are plenty of tasks on My Maths for you to complete. Activity: Solve the remaining 5 clues to get the keypad code needed to escape the room!

Escape the Room — Clue for Digit 6

Work out the rule for each number sequence and find the next five numbers in each sequence.

1.	1250	1350				
2.	6750	5750				
3.	1810	1800				

Which number is common to each of the number sequences?

Add together the digits of this answer to give you the sixth digit of the keypad code.

Escape the Room — Clue for Digit 7

Use the clues to calculate the mystery two-digit number that is less than 50.

• It is one more than a prime number.

• The sum of its digits is a square number.

Add together the digits of this answer to give you the seventh digit of the keypad code.

Escape the Room — Clue for Digit 8

Use the clues to calculate the mystery five-digit number.

- The digits of the hundreds and ones total 12.

- It has two more ones than hundreds.

- It has one less ten thousand than ones.

- The digits of the thousands and hundreds total the same digit as the number of ten thousands.

- It has a digit sum of 22.

Escape the Room — Clue for Digit 9

Calculate the difference between these pairs of numbers.

1.	23	to	-13	
2.	-16	to	27	
3.	26	to	-12	
4.	-11	to	31	
5.	21	to	-24	
6.	-8	to	35	

Which answer appears twice?

Escape the Room   **Clue for Digit 10**

Find the missing digits in these calculations.
Which missing digit is common to both calculations?

	2	7		4
+	5		6	3
	8	7	4	

	7	0		6
-	3		5	2
	3	1	0	

This answer will give you the tenth digit of the keypad code.

English:

Reading: Try to read some of your book every day. When you finish a book, complete a book review in your green book.

SPAG: Use spag.com and choose a task that you would like to complete.

Writing:

Using all you have read / watched throughout the week create your own magical shop.

Draw a picture of your shop – labelling what is inside and what makes it magic.

Imagine you are an author and you are writing your opening chapter to introduce this magic shop.

Write your chapter. Try to include some of the words/phrases and sentences you have collected and written throughout the week.

Topic:

RE

Children, as well as adults, can become sick and have need of care. Sister Frances Dominica, a Church of England nursing nun, first thought of a children's hospice through her work caring for a young girl named Helen, who lived at home with her family but needed 24 hour care. She founded Helen House, the world's first children's hospice, which opened in November 1982. A hospice is a place rather like a home for those who are very seriously ill and likely to die.

It is natural that the parents of a much-loved but very ill child would want to care for them at home, but caring for your child every day and night, as well as looking after the rest of your family and earning a living, can be exhausting. Helen's family's experience highlighted the need for care and support for children with life-shortening conditions and for their family. Helen House was set up to help families cope by providing occasional respite care, modelled on that provided in the family home – personalised and tailored to individual needs. The hospice was designed to be as much like an ordinary home as possible. It had eight children's bedrooms, as well as rooms for parents to stay. The hospice is about making the most of life, whatever the circumstances. Thirty years on, there are now two hospice houses. Helen House is for children from birth up to 18 years old, and Douglas House for young adults. The two hospice houses offer specialist care and pain management, short breaks and end-of-life care, as well as counselling and practical support for the whole family.

Jane came to Helen House in 2003 with her 9 year old son Sebastian, who was battling with cancer. She said, "Helen House cared for us; it made us feel very safe. It gave us the chance to do what we wanted to do for our son, the way that we wanted to do it. There was so much love and support. We have much cherished memories."

Carers have been keyworkers through COVID19 and have worked very hard.

Write a job description for a carer or volunteer in a hospice.

	• What qualities do you think are needed to look after someone who is sick? • What beliefs and values would be important? • What could they offer, etc? • What type of person do they need to be?
Top Terrific Task	This **task** must be done this week. Using Friday's English activity, send me pictures of your shop and a picture of your chapter/ a word document with it in if you type it. Once you have done it please email them to me on rebeccataylor@st-marys-sabden.lancs.sch.uk I will send you a message back about your work 😀 If I haven't got it by next Friday, I will send your parents a quick email to see if you need any help with the task.
Extra Learning	Watch Jasper Cherry https://www.youtube.com/channel/UCXeKyzyxIpUgX8ziBsAFEzw the Magician on YouTube. Follow his instructions on a particular trick and have a go yourself – you could even record it. Review the tutorial – was it easy to follow? What do you think the story/book 'The Elsewhere Emporium' is about?