Learning Project Week 13

Year 5/6

The Escape Room

Crack the code challenge!

The classroom doors are locked and it's your job to find the numbers to crack the code. You will need to work through the challenges carefully to ensure that you **retrieve 5 numbers** to enter into the keypad

Room 1

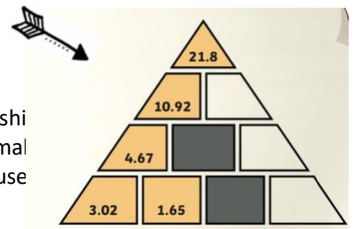
Here are a range of Fractions. There are Pairs of equivalent Fractions and one Should be left over.

The NUMERATOR in The left-over fraction Is your first digit for The keypad.

$\frac{1}{2}$ $\frac{3}{8}$ $\frac{4}{8}$ $\frac{12}{16}$ $\frac{2}{3}$ $\frac{6}{16}$ $\frac{4}{10}$ $\frac{2}{5}$ $\frac{3}{4}$ $\frac{1}{6}$ $\frac{6}{9}$ $\frac{3}{10}$ $\frac{2}{12}$

Room 2

Look at the pyramid and Think about the relationshi Between the three decimal On the bottom left and use What you find out to Complete the pyramid.



Find the common digit in the shaded box for the second digit.

Room 3

Match the % discounts to the Equivalent fractions below.

15% off £5	25% off £2.50	50% off £4.50
75% off £3.99	30% off £3.50	20% off £3.35

$\frac{1}{4}$ $\frac{3}{10}$ $\frac{1}{5}$ $\frac{3}{4}$ $\frac{1}{2}$ %

Find the digit in the tens place of the percentage with no matching fraction.

Weekly Reading Tasks (Aim to do 1 per day)

Inference Week!

Can you click on the picture to listen to watch the clip, then have a go at the LIRA questions.

Pause the film after 40 seconds when we first see the lighthouse keeper at his desk.

Inference: Why is this scene included in the film?

Inference: When do you think the story is set? What makes you think that?

Inference: Does the lighthouse keeper like his neighbours? Can you use evidence from the clip to support your answer?

Reader Response: What words do you think the lighthouse keeper would use to describe the people of the village?

Author Intent: As the lighthouse keeper sees the ship begins to panic – how does the author show this through his actions?

LIRA

Inference: As the lighthouse keeper gets to the bottom of the steps, where do you think he is going?

Reader Response: When comparing the villagers at the start and end of the clip has your opinion of them changed?

Inference: What emotions is the lighthouse keeper feel at the end? Can you use evidence to support your answer?

Reader response: The relationship between the villagers and the lighthouse keeper is 'frosty' do you agree? Why?

Yes, no, maybe?

The role of a lighthouse keeper is a lonely yet rewarding job, do you disagree or agree with this statement? Can you provide evidence to support your answer?

3 marks

Room 4

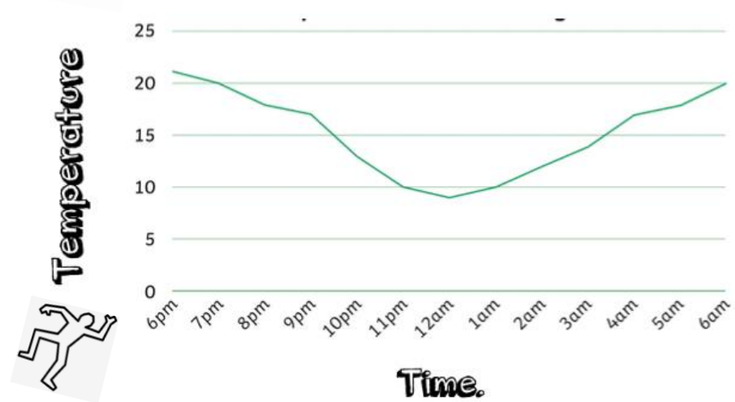
$2\frac{2}{3}$	$3\frac{5}{6}$
$4\frac{1}{4}$	

Convert the mixed numbers to improper fractions, convert to equivalent fractions with the same denominator. Add together and convert back to mixed number.

The digit that appears in the ones place of the whole number is your fourth digit.

Room 5

Here is a line graph of the temperature within a cloakroom in school. Find the number of hours between the two times when the temp 17 degrees. **This is your fifth and final digit.**



Weekly Writing Tasks (Aim to do 1 per day)

NEWSFLASH

Can you create a newspaper report about the event we saw in the clip above?

Can you include interviews with lighthouse keeper, villagers and men from the boat.
Were any further precautions taken after the event?

What would they say?

Using your knowledge of the characters within the clip can you create a dialogue between the villagers and the lighthouse keeper?

Grace Darling

Can you click the picture below to watch the clip and find out about the life of Grace Darling.

Using this video and additional information you can find on the internet can you create an extract from her biography?