

Staff/Parent instructions

We would have liked to have taken the children on a scavenger hunt around the school site, so instead we have videoed parts of the school site.

Solving a riddle will give them a location, from which they watch the video to discover the school site and the clue to figure out the code. Unlocking the padlock reveals the next riddle.

Some answers are given in the notes section of the slides, but there could be valid solutions not included here.

Further instructions are available throughout on hidden slides.

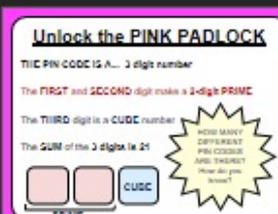


6 

7 
Puzzle - Eleven of each fight for my goal, perogee and
through water up my tail
Answer - on the football pitch

8 

9 
Unlock the PINK PADLOCK
You need to find the 3-digit code
What clues can you share with your group to narrow the options?
Can you make statements about what sort of number you are looking for?

10 
Unlock the PINK PADLOCK
THE PIN CODE IS A... 3 digit number
The FIRST and SECOND digit make a 2-digit PRIME
The THIRD digit is a CUDD number
The SUM of the 3 digits is 21
 CUDD
\$K 31P
HOW MANY DIFFERENT PIN CODES ARE THERE? How do you know?

Puzzle

- Answer the puzzles to reveal the location of a clue to the help crack codes

Scavenge

- Watch the video to discover parts of the school and reveal your clue to break the code

Clue

- Use the clues and your maths skills to crack the code and reveal the next riddle.

Enter a correct code to reveal the next riddle

Unlock



The

Box



Puzzle

- Answer the puzzles to reveal the location of a clue to the help crack codes



Scavenge

- Watch the video to discover parts of the school and reveal your clue to break the code



Clue

- Use the clues and your maths skills to crack the code and reveal the next riddle.

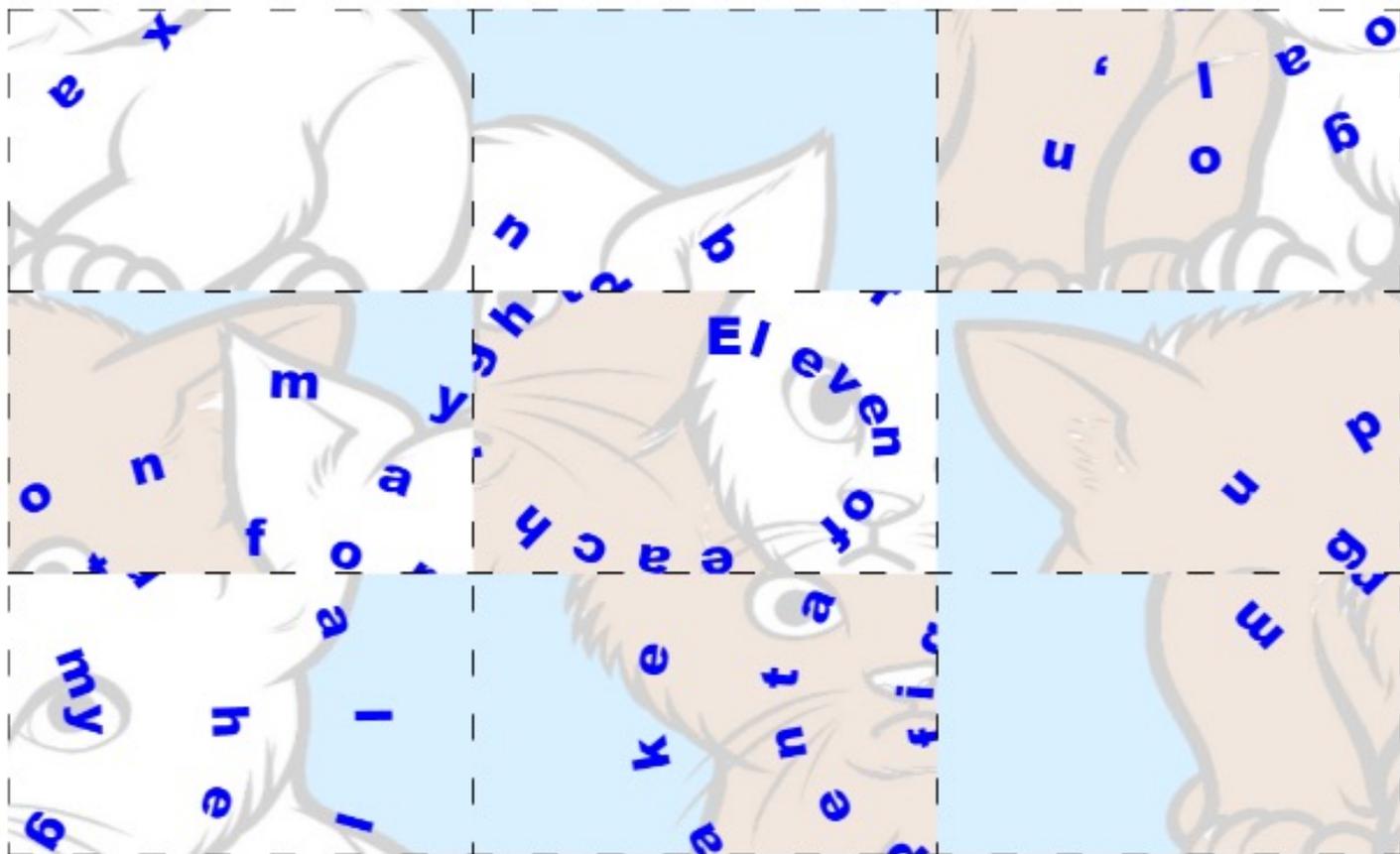


Enter a correct code to reveal the next riddle

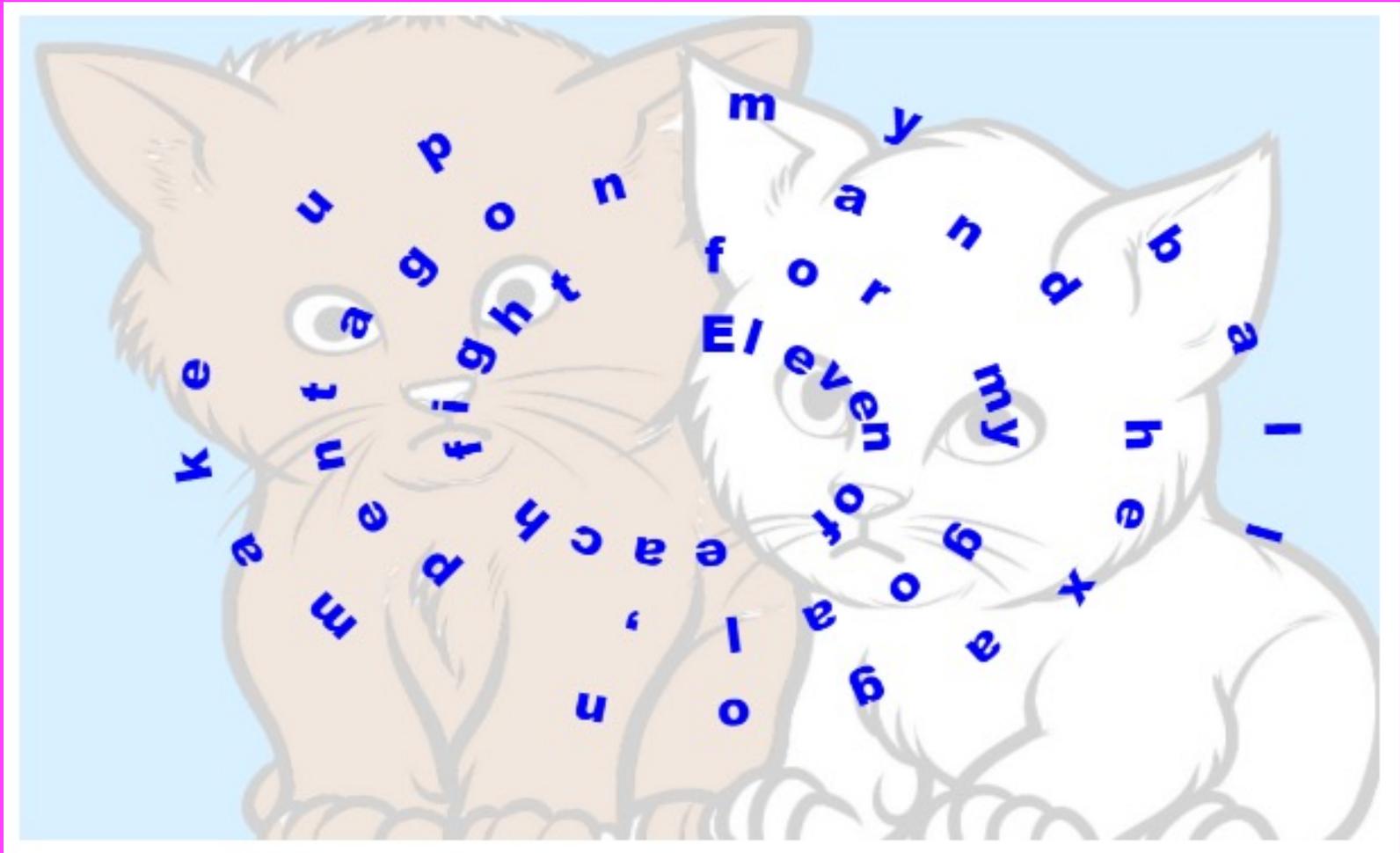
Staff/Parent Instructions

- Slide 6 will need printing
- Pupils need to cut out the puzzle and rearrange the pieces so that they can read the next clue
- The answer to the clue will be a location in the school.
- Solutions are available on the hidden slides following the puzzle.
- The following slide will show them around the school, where a clue to find the code will be found. This is in shot at the end of the video and available on the following slide.

1



Use your scissors to solve this puzzle



Puzzle - Eleven of each fight for my goal, pentagon and hexagon make up my ball

Answer - on the football pitch



Unlock the PINK PADLOCK



You need to find
the 3-digit code

What clues can you share
with your group to narrow
the options?

Can you make statements
about what sort of number
you are looking for?

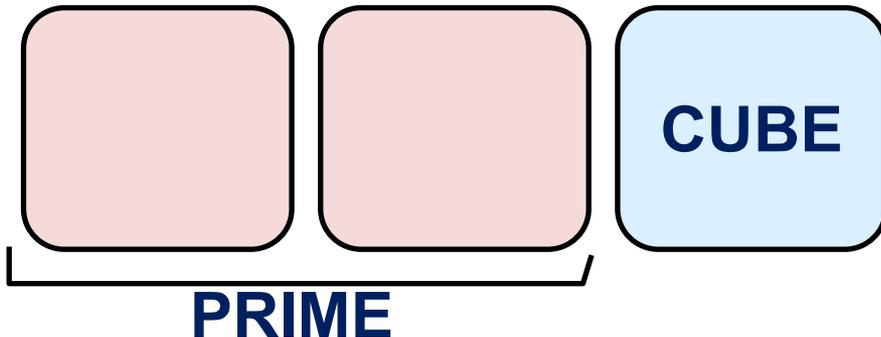
Unlock the PINK PADLOCK

THE PIN CODE IS A... 3 digit number

The **FIRST** and **SECOND** digit make a **2-digit PRIME**

The **THIRD** digit is a **CUBE** number

The **SUM** of the **3 digits** is **21**



HOW MANY
DIFFERENT
PIN CODES
ARE THERE?
How do you
know?

Staff/Parent Instructions

- Slide 12 will need printing
- Pupils need to fold the page like an accordion so that they can read the next clue
- The answer to the clue will be a location in the school.
- The following slide will show them around the school, where a clue to find the code will be found. This is in shot at the end of the video and available on the following slide.

	o	i	e	n	a	h	d		r
	t	g	h	r	e	e	o	r	m
g	d	e	,	u	m	m	y	t	g
m	,	r	y	w	e	i	l	g	,
	r	a	f	d	,	e		o	f
	r	d	n	h	e	d	i	y	,
	t	h	e	n	t	r	a	p	g
	g	u	n	e	l	u	m	n	y
	c	n	e	r	d	a	p	n	d
s	h	i	u	a	e	l	a	y	h
f	c	e	n	m	d	y	o	h	r
	d	a	i	a	y	a	r	s	t
	r	n	m	p	m	y	y	,	h
	o	o	m	g	a	y	r	,	,
				s		a			o

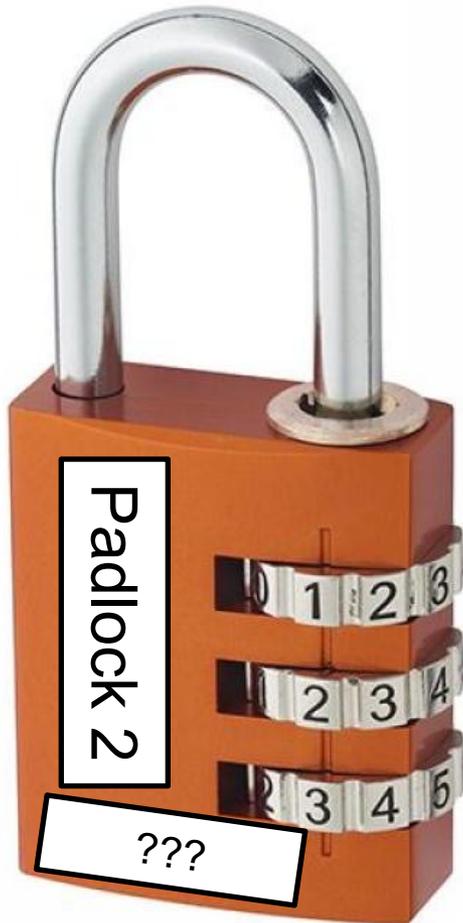
Fold this page like an accordion

Puzzle - tummy growling, middle of the day, fuel up here and scan your finger to pay

Answer - in the canteen



Unlock the ORANGE PADLOCK



You need to find
the 3-digit code

What clues can you share
with your group to narrow
the options?

Can you make statements
about what sort of number
you are looking for?

Unlock the ORANGE PADLOCK

THE PIN CODE IS A... 3 digit number

The 3 digit PIN is **DIVISIBLE** by 11

All three digits are **PRIME** numbers

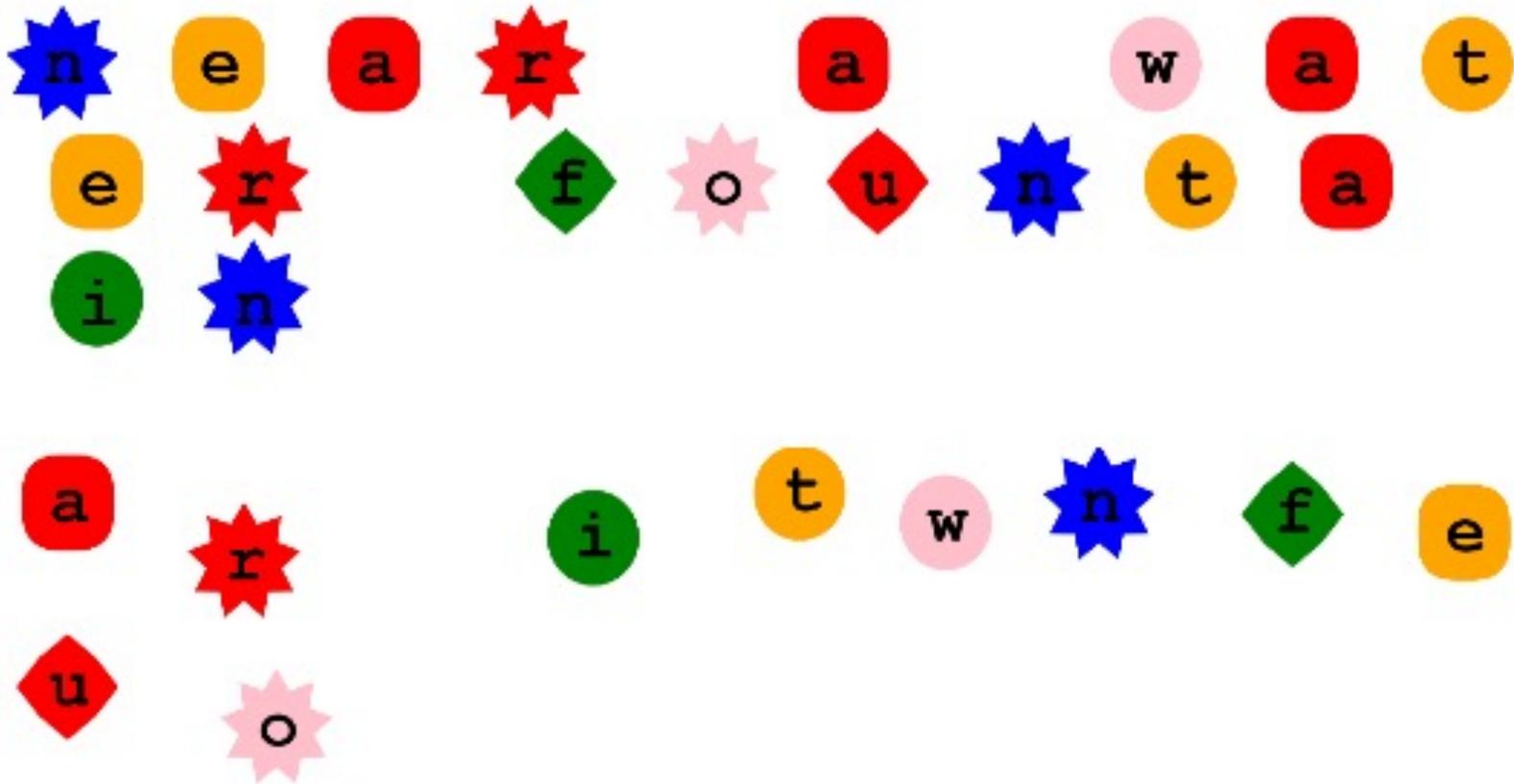


DIVISIBLE BY 11

HOW MANY
DIFFERENT
PIN CODES
ARE THERE?
How do you
know?

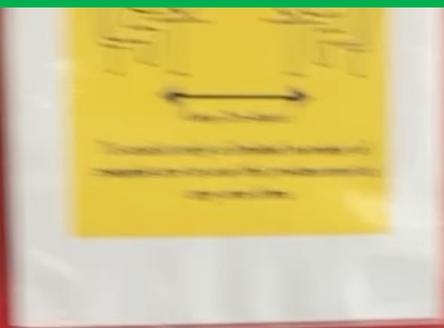
Staff/Parent Instructions

- Slide 18 does not need printing
- Pupils need to match the shapes and colours so that they can read the next clue
- The answer to the clue will be a location in the school.
- The following slide will show them around the school, where a clue to find the code will be found. This is in shot at the end of the video and available on the following slide.



Answer - Near a water fountain

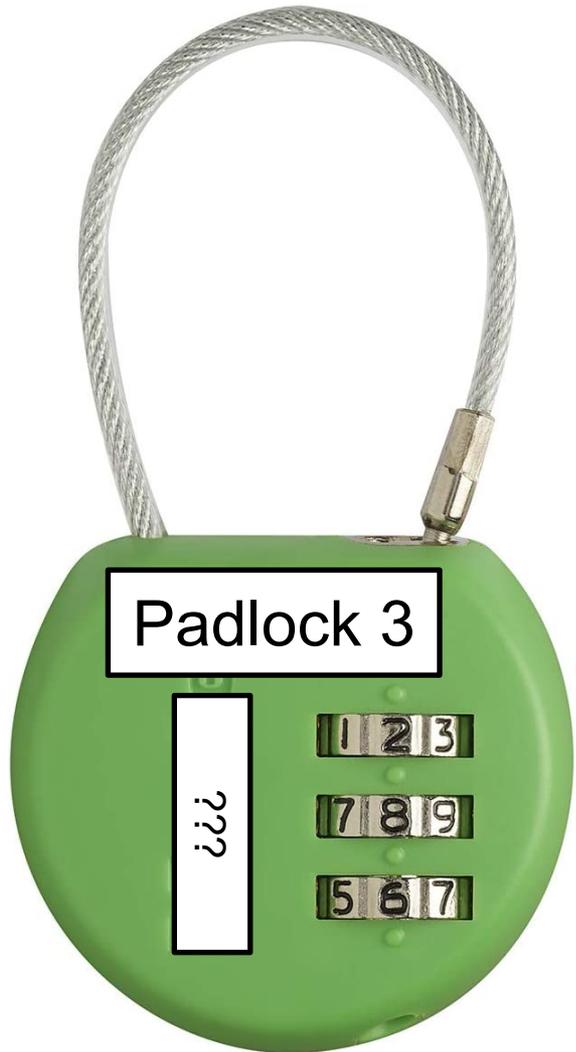
Document with illegible text on a white background, partially obscured by a red vertical bar.



café



Unlock the GREEN PADLOCK



You need to find
the 3-digit code

What clues can you share
with your group to narrow
the options?

Can you make statements
about what sort of number
you are looking for?

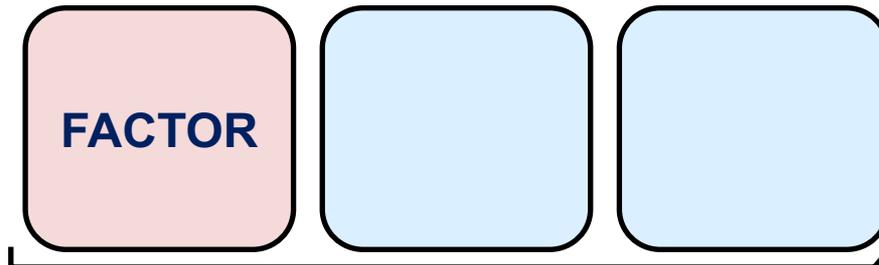
Unlock the GREEN PADLOCK

THE PIN CODE IS A... 3 digit number

The **SECOND** and **THIRD** digits make a **2-digit number**

The **FIRST** number is a **FACTOR** of the **2-digit number**

The SUM of the 3 digits is 13



SUM OF DIGITS is 13



Staff/Parent Instructions

- Slide 24 does not need printing
- Pupils need to unscramble the words so that they can read the next clue
- The answer to the clue will be a location in the school.
- The following slide will show them around the school, where a clue to find the code will be found. This is in shot at the end of the video and available on the following slide.

diesni tsih eplca if
you krow dna tsewa
oyu lilw ees how tif
uoy egt

The words in this riddle got shuffled

inside this place if
you work and sweat
you will see how fit
you get

Answer - In the gym



Unlock the BLUE PADLOCK



You need to find
the 3-digit code

What clues can you share
with your group to narrow
the options?

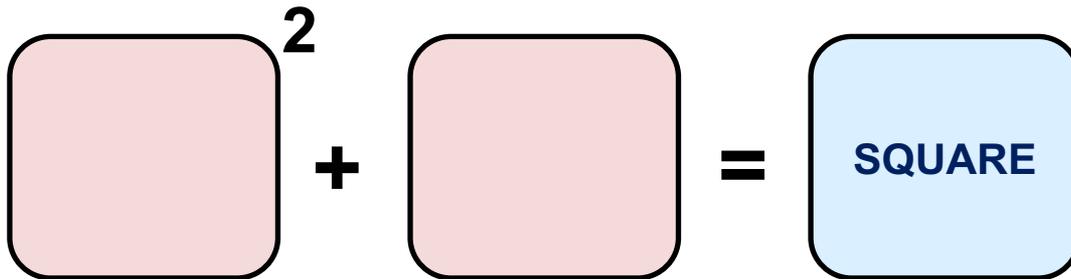
Can you make statements
about what sort of number
you are looking for?

Unlock the BLUE PADLOCK

THE PIN CODE IS A... 3 digit number

If you **SQUARE** the **FIRST** digit and **ADD** the **SECOND** digit, you'll get the **THIRD** digit

The **THIRD** digit is a **SQUARE** number



HOW MANY
DIFFERENT
PIN CODES
ARE THERE?

Staff/Parent Instructions

- Slide 30 does not need printing
- Pupils need to read along the zig zag so that they can read the next clue
- The answer to the clue will be a location in the school.
- The following slide will show them around the school, where a clue to find the code will be found. This is in shot at the end of the video and available on the following slide.

5

 d b s n
m n u a e a
a a t , t e c b
n a d l n e
y s l l s p o d
 e e o i t r t
s i s h l e o o
t r e c a w l
o i n d

Read the riddle, following the zigzag pattern

Puzzle - many stories and tales
I hold, but silence please not a
word can be told

Answer - In the library

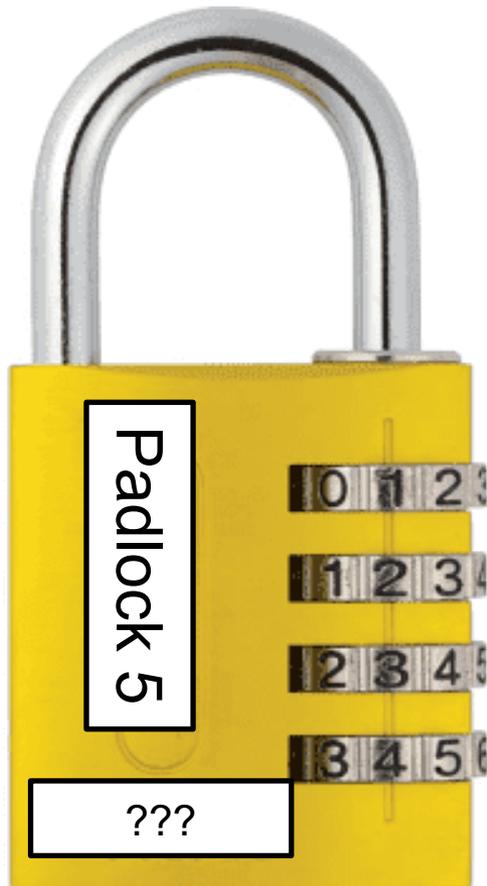


Unlock the YELLOW PADLOCK

You need to find
the 3-digit code

What clues can you share
with your group to narrow
the options?

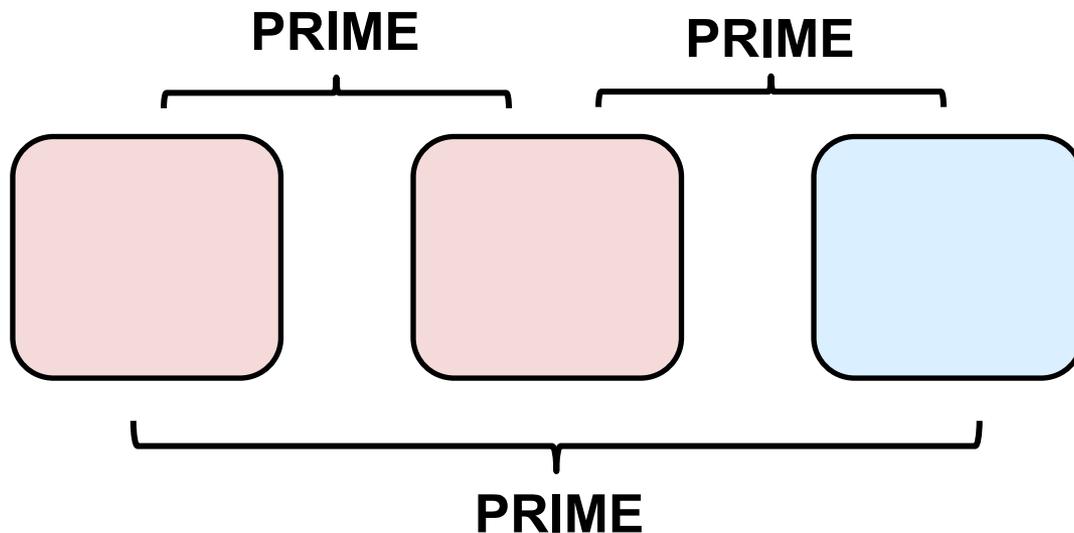
Can you make statements
about what sort of number
you are looking for?



Unlock the YELLOW PADLOCK

THE PIN CODE IS A... 3 digit number

- The first two digits form a prime number
- The second and third digit form a prime number
- All three digits form a prime number
- The sum of the three digits is 8



HOW MANY
DIFFERENT
PIN CODES
ARE THERE?



CONGRATULATIONS!



**YOU SOLVED ALL OF THE PUZZLES AND
COMPLETED THE SCAVENGER HUNT**

**SEE MR BROTHERTON, MISS MEENEGHAN
BELL OR MISS HOAR IN SEPTEMBER AND SAY
“I’M REALLY WISE, WHERE’S MY PRIZE”
FOR A PRIZE**