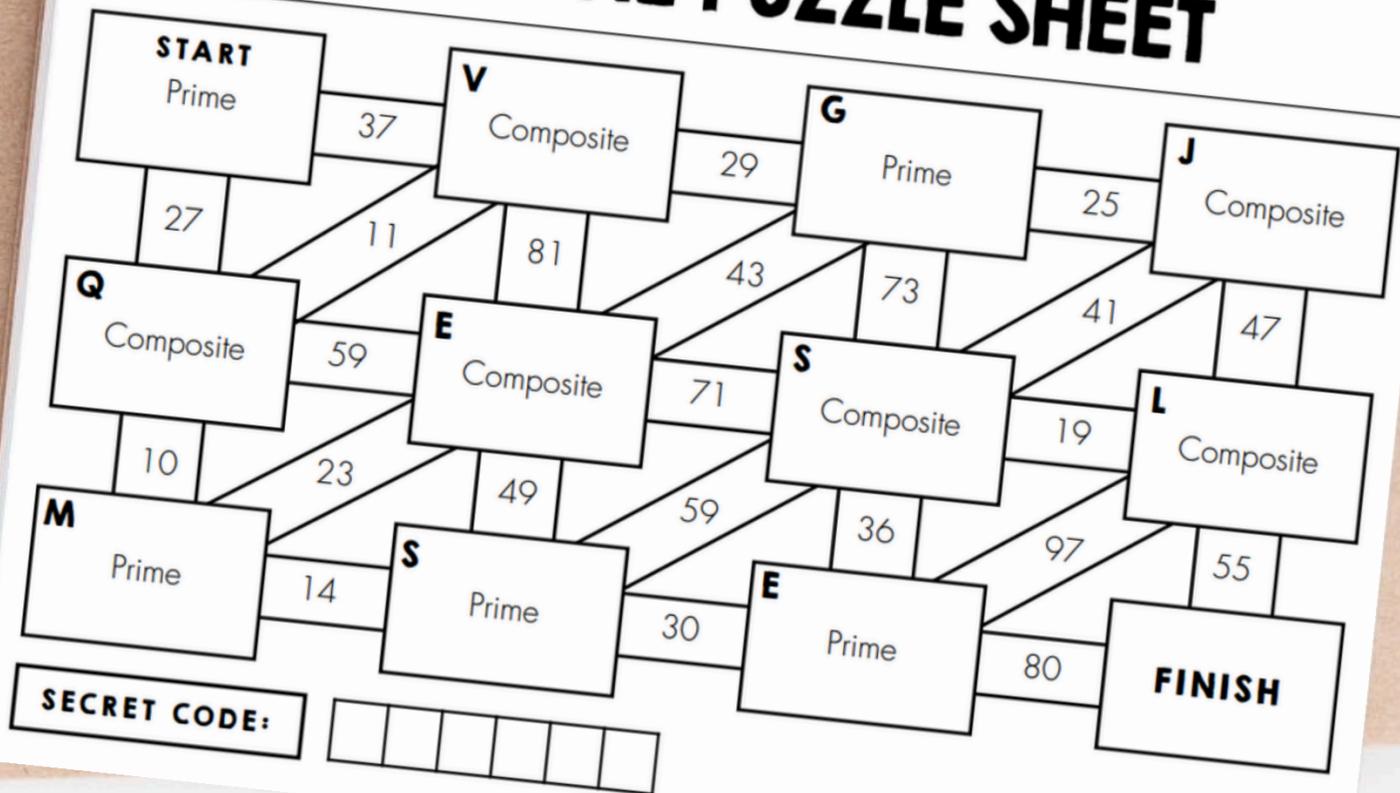


# TASK ONE PUZZLE SHEET

THE SYDNEY TEACHER



PRIME.  
COMPOSITE &  
SQUARE NUMBER  
ESCAPE ROOM

Keep scrolling to see  
what's included!

# LOOKING FOR A WAY TO TURN NUMBER CONCEPTS INTO AN EXCITING ESCAPE ROOM CHALLENGE?



Encourages teamwork, communication, and collaboration through engaging, hands-on group activities.



Strengthens mathematics skills with stimulating tasks aligned to the Australian Curriculum v9.0.



No prep needed — simply print the sheets and share the Google Form link for easy, no-marking implementation.



**TASK THREE**

SUPPLIES NEEDED:

- Task 3 Puzzle Sheet
- Task 3 Decoder

DIRECTIONS:

1. Analyse the numbers in the first column, and determine if they are odd, even, prime, composite and square.
2. Match each coloured icon to the number.
3. Type the secret code in CA, with no spaces. If the code is correct, you will receive a message.

**TASK THREE PUZZLE SHEET**

| NUMBER | ODD | EVEN | PRIME | COMPOSITE | SQUARE |
|--------|-----|------|-------|-----------|--------|
| 44     |     |      |       |           |        |
| 29     |     |      |       |           |        |
| 63     |     |      |       |           |        |
| 36     |     |      |       |           |        |

# WHAT'S INCLUDED?

- Four Rigorous Tasks That Develop Problem-Solving Skills And Logic!
- Exclusive Access To An Original Video That Sets The Scene (Check Out The Video Preview!)
- Self-Checking/Marking Google Form – No Teacher Marking Required!
- Digital (Google Slide) Version Of Activities Available



# HOW DOES IT WORK?

- 1 Divide students into groups of 3 or 4.
- 2 Provide all groups with pages 8 - 16 in a plastic sleeve or folder.
- 3 Share the Google Form, either through Google Classroom or by writing the link on your board.
- 4 Ensure 1 person in the group has an iPad or access to a computer, so students can access the Google Form and check their answers are correct  
*Note: Students cannot progress to the next task until their answer is typed correctly in the Google Form*
- 5 Display page 7 to set the scene, or watch the video linked on page 6, then you're ready to go!



## TASK FOUR ANSWER SHEET

|                                 |                                         |                                 |
|---------------------------------|-----------------------------------------|---------------------------------|
| $15 \times 6 \times 2$<br>= 180 | $25 \times 4 \times 4$<br>= 400         | $18 \times 5 \times 4$<br>= 360 |
| $4 \times 4 \times 5$<br>= 80   | $4 \times 4 \times 17$<br>= 272         | $11 \times 3 \times 3$<br>= 99  |
| $7 \times 3 \times 11$<br>= 231 | $2 \times 5 \times 9 \times 2$<br>= 180 | $6 \times 6 \times 13$<br>= 468 |

CODE WORD

|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|

# PRINTABLE AND DIGITAL

Print and go!

Digital Option!

THE SYDNEY TEACHER

## TASK FOUR

SUPPLIES NEEDED:

- Task 4 Answer Sheet
- Task 4 Puzzle Sheet

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## TASK FOUR ANSWER SHEET

|                                 |                                         |                                 |
|---------------------------------|-----------------------------------------|---------------------------------|
| $15 \times 6 \times 2$<br>= 180 | $25 \times 4 \times 4$<br>= 400         | $18 \times 5 \times 4$<br>= 360 |
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CODE WORD

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## TASK THREE DECODER

|                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |
| E                                                                                     | G                                                                                     | K                                                                                     | B                                                                                     | N                                                                                     | S                                                                                     | J                                                                                     | U                                                                                     |
|  |  |  |  |  |  |  |  |
| N                                                                                     | L                                                                                     | R                                                                                     | U                                                                                     | O                                                                                     | M                                                                                     | D                                                                                     | F                                                                                     |
|  |  |  |  |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| C                                                                                     | I                                                                                     | A                                                                                     | H                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |

CODE WORD

|  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|

# HOW YOU CAN USE THIS RESOURCE

## This escape room is perfect for...

- Help your students develop effective communication skills and team work
- Make an engaging whole class reward
- Build confidence and mastery of essential maths skills through structured hands-on practice

### CRUISE PARTY DISASTER

The cruise ship party was just about to begin when a massive wave rocked the deck and caused a power failure. The power control room is slammed shut by a heavy metal door.

The only way to reach the power source is to find the secret codes to open the door.

The entire ship is counting on you! Can you unlock the power room and save the celebration before the lights go out for good?

# HAVE YOU SEEN THIS?



Looking for an exciting way to practice negative integers on a number line and cartesian plane while also fostering teamwork in your classroom? Our **Negative Integers Escape Room** is the perfect solution!

## NEGATIVE INTEGERS ESCAPE ROOM

THE SYDNEY TEACHER

**TASK ONE PUZZLE SHEET**

QUESTION 1:  $\leftarrow$  -3 -2 -1 0

QUESTION 2:  $\leftarrow$   -1 0

QUESTION 3:  $\leftarrow$  2   5

QUESTION 4:  $\leftarrow$  -4  -2

**TASK FOUR PUZZLE SHEET**

QUESTION 1:

|       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (2,2) | (3,2) | (0,3) | (2,4) | (4,2) | (2,4) | (0,4) | (4,2) | (2,4) |
| H     | W     | B     | I     | C     | V     | F     | N     | O     |

QUESTION 2:

|       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (2,3) | (3,2) | (2,3) | (1,4) | (4,1) | (4,1) | (1,4) | (0,4) | (4,1) |
| A     | E     | N     | G     | L     | E     | R     | X     | B     |

CODE:

YEAR 6 TOY MAKER RESCUE