



My Number Day Time Capsule

Today we went on a treasure hunt for ideas. We noticed patterns, explained our thinking and wondered about new possibilities. Capture your thinking below — then keep this safe until Number Day 2028.

Notice

What patterns do you see?

Explain

What can you reason?

Wonder

What might be possible?

Today's numbers are: **5 • 2 • 27**

Today I explained...

Choose one idea and explain it in your own words. Pretend you are helping someone else understand. Use sentences, diagrams or numbers — whatever feels right.



Explain your thinking here...

Today I wondered...

The best mathematicians always ask questions. What are you curious about? What would you like to explore next? Write your wonderings — no question is too small or too big.

 Write your questions here...

Something I discovered...

What is one thing you found out today that surprised you or made you proud? Capture it here so you can remember it next year.

 My discovery...

How I feel about maths today...

Circle a face or draw your own expression. Then write a few words about why you feel this way.



Unsure



OK



Good



Brilliant!

 Because...

Seal Your Time Capsule

Keep this Time Capsule safe. Open it again on Number Day 2028. The thinking you have shared here is a snapshot of exactly who you are as a mathematician right now — and that is something worth keeping.

My name

.....

Explain

.....

Wonder

.....

“Every expert was once a beginner who kept wondering.”

A message to future you...

You have done something thoughtful today.
You noticed, you explained and you wondered.
These are the habits of a true mathematician.
When you open this next year, remember:
you have been growing all along.



This Time Capsule belongs to a mathematician. Handle with care.

File this safely

Put this in an envelope and seal it up.

Open in 2028

Reopen on Number Day, $4 \cdot 2 \cdot 2028$.



COMPLETED

OPEN ON NUMBER DAY 2028

Welcome Back

NUMBER DAY 2028

Last year you captured your mathematical thinking. Before you begin this year's challenge, take a quiet moment to look back at what you wrote. Notice how you have grown.

Read your 2027 thinking

Open your Time Capsule and read what you wrote.
Take your time. There is no rush.

Reflect before you write

Does anything surprise you? Does anything feel different now? Let those thoughts settle before moving on.

How have I changed since last Number Day?

Think about how you have grown as a mathematician over the past year. What feels easier? What new things have you learned? Be as honest and as kind to yourself as you can.



Write your reflection here...

I can now...

List the things you can do in maths now that you could not do — or did not know about — on Number Day 2027. Celebrate your progress!

 My new abilities...

I understand...

What ideas in maths make more sense to you now? Perhaps you understand something that used to feel tricky or confusing. Write it down with pride.

 My deeper understanding...

Something I would tell my younger self...

If you could send a short message back to yourself on Number Day 2027, what would you say? What encouragement, advice or wisdom would you offer?

 Dear last-year me...

Number Day 2028 Challenge

SHOW OR BUILD

$$4 \cdot 2 \cdot 28$$

These are today's numbers. Begin your exploration — notice, explain, and wonder, just as you did last year. But this time, you are a year wiser.

4

What do you know about four?

2

What do you know about two?

28

What do you know about twenty-eight?

What do you notice?

Look carefully at $4 \cdot 2 \cdot 28$. What patterns, connections or relationships can you find?
How does this year feel different from last year?



I notice...

What can you explain?

Pick your strongest idea and explain it clearly. Use words, numbers or diagrams. How is your explanation different from what you might have written last year?



I can explain...

What do you wonder?

What questions does today spark in your mind? What would you love to investigate if you had more time? Write down every question, however small — they are all worth keeping.



I wonder...

A Closing Reflection

Mathematics is not a straight line of answers. It is a growing network of connected ideas.

You have grown

Look at how far you have travelled since you sealed this capsule. Every question you asked, every idea you explained — that is real mathematical thinking.

Keep going

The most important thing is not the answer. It is the habit of noticing, explaining and wondering — year after year, for the rest of your life.

How I feel about maths today...

Look back at how you felt on Number Day 2027. Has anything shifted? Circle a face, then write a sentence about where you are now.



Still finding it hard



Getting there



Feeling good



I love maths!



Because...

My proudest moment this Number Day...

What is one thing from today you want to remember?



I am proud that...



Well done for opening your Time Capsule.
You have grown so much.

Until Next Time

“The student who wonders today becomes the mathematician of tomorrow.”

This resource was created for **NSPCC Number Day**.

Supporting children's wellbeing through the joy of mathematics. Thank you for taking part.