Welcome to our Maths Parent Information Session

Wednesday 28th January 2026

Aims of this session:

- Explore maths fundamentals
- Assessment
- TBS Maths Targets 25/26
- CPA
- Resources we use in TBS
- How to support children in adopting a growth mindset in maths so they can achieve their potential.
- How parents can help at home

Who can share one key memory of how they learned maths at school?

What do you think are important skills to know in maths in primary?

Maths Fundamentals

Do you know the three fundamentals of maths learning?

Fluency

Knowing key facts (like times tables) and being able to apply them.

Reasoning

Explaining why an answer does or does not make sense.

Problem Solving

Applying maths to real-life situations.

Fluency

Knowing key facts (like times tables) and being able to apply them.

Fluency in KS1

Key Stage 1 (Ages 5–7) – Years 1 & 2

Key Skills:

- Counting forwards and backwards in 1s, 2s, 5s, and 10s.
- Learning number bonds to 10 and 20 (e.g., 7 + 3 = 10).
- Beginning to **recall** multiplication facts (2s, 5s, 10s).
- Adding and subtracting two-digit numbers using place value understanding.

Fluency in KS2

- **Key Skills:**

- Mastering **times tables** up to 12 × 12 (recall and application).
- Adding and subtracting three-digit numbers using efficient methods (e.g., column method, partitioning).
- Beginning to use **mental maths strategies** (e.g., doubling, halving, estimating).
- Understanding fractions and simple decimals.

Number Sense

What is number sense?

Number sense is the ability to understand, relate, and work with numbers in a flexible and intuitive way. It's more than just knowing facts—it's about recognising patterns, making connections, and choosing efficient strategies when solving problems.

Number Sense

- Partitioning
- Compensation
- Number bonds/Making tens
- Estimating and correcting

Solve 27 + 38 in as many different ways as you can!

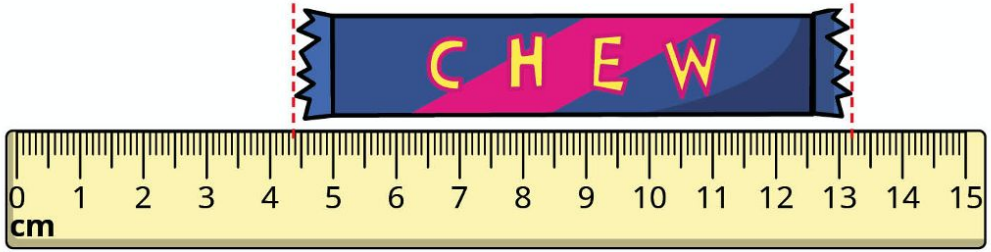
Your Turn

Reasoning

Explaining why an answer does or does not make sense.

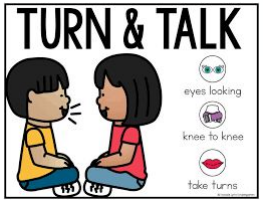
This is an example of the kind of question children will encounter in White Rose. They need to explain their answer demonstrating understanding of how to solve the problem.

Teddy thinks this chew bar is 13.2 cm long.



Do you agree?

Explain your answer.



Your Turn

Problem Solving

Applying maths to real-life situations.

"A school is raising money for charity. They need to collect £750 in total. So far, they have raised £285 from a bake sale and £195 from a sponsored run. How much more money do they still need to reach their goal?"

Your Turn

Assessment

PT MATHS

Assessment at TBS is carried out regularly and includes pre-topic and post-topic assessments, as well as Autumn, Spring, and Summer testing. KS2 students also complete PTM Maths assessments twice yearly, which are standardised and administered online.

Assessment outcomes are used to identify strengths and areas for development and to set maths learning targets.

Learning Targets

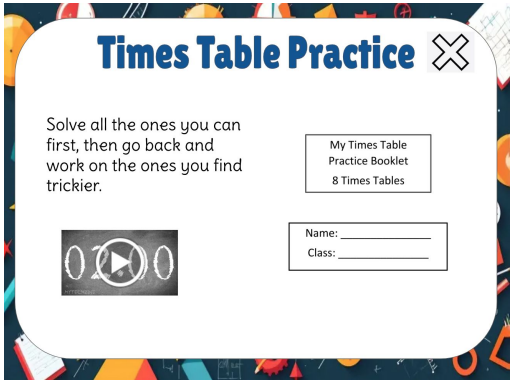
TBS Maths Learning Targets 25/26

The British School Kathmandu, Nepal

Times tables - we have identified this as something that could be improved school wide. We started last year with daily/weekly times table practice and we have noticed great improvements.

This is the start of maths lessons either daily or every other day depending on year group.

YOUR TURN!



TIMES TABLES ROCK STARS

Times Tables Ninja

How would you like to test yourself?

By Time | By Questions

Y4 KS2 Multiplication Tables Check

Times Tables by Year Group

This is the expectations by year group for times table knowledge recall.

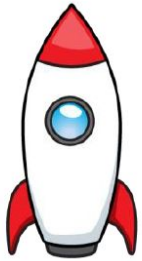
Expectations for times tables for each year group:	
Year 1	Count in multiples of 2, 5 and 10. Recall and use all doubles to 10 and corresponding halves.
Year 2	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
Year 3	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
Year 4	Recall and use multiplication and division facts for multiplication tables up to 12x12.
Year 5	Revision of all times tables and division facts up to 12x12.
Year 6	Revision of all times tables and division facts up to 12x12.

Problem Solving

This is a problem from Y1/Y2 problem solving.

How could you solve this?

A toy train costs £4 more than a rocket.



The train costs £15

How much do the train and the rocket cost in total?

Student example

Problem Solving

This is a problem from KS2 problem solving.

How could you solve this?

1 Helen has £400

She spends $\frac{1}{10}$ of the money on a new toaster.

She spends $\frac{1}{8}$ of the amount left on a pair of trousers.

Which item costs the most?

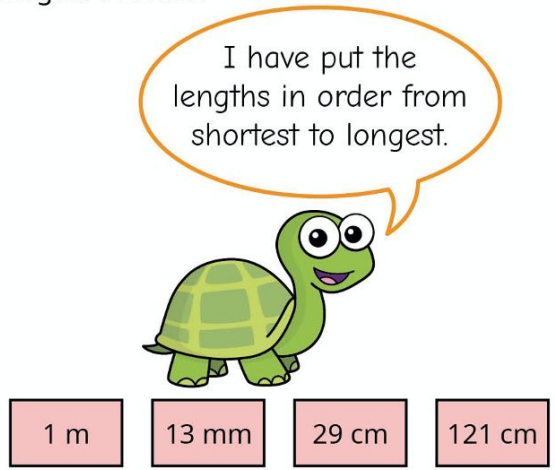
Student example

Reasoning

This is another focus for the academic year. This encourages students to talk about HOW they know something and to prove it.

YOUR TURN!

Tiny is putting lengths in order.



What mistake has Tiny made?

Put the lengths in the correct order.

Reasoning

This is another focus for the academic year. This encourages students to talk about HOW they know something and to prove it.

YOUR TURN!

Prove it

The sum of two odd numbers is always even.

Reasoning and Problem Solving

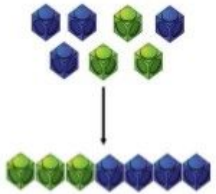
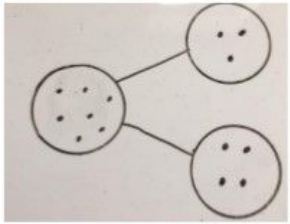
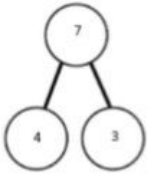
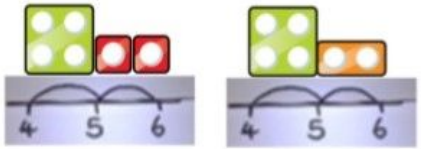
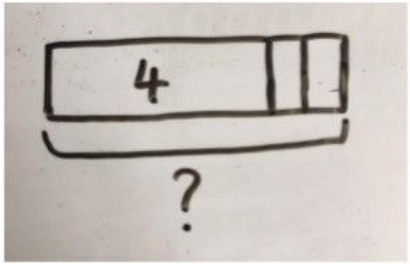
We use this method to help children understand what a question is asking them to do.

Read	Understand	Choose
Read the question. What is the important information?	Understand the question. What do you need to find out?	Choose the correct method of calculation and operation(s).

Solve	Answer	Check
Solve the problem. Make sure you follow the steps.	Answer the question. What were you meant to find out?	Check your answer. Use the inverse to check your working out.

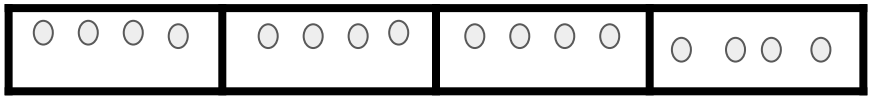
Resources

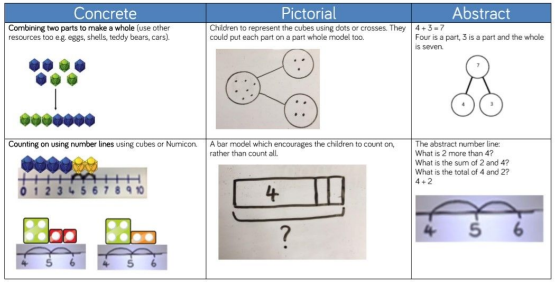
How does maths progress in TBS?

Concrete	Pictorial	Abstract
Combining two parts to make a whole (use other resources too e.g. eggs, shells, teddy bears, cars). 	Children to represent the cubes using dots or crosses. They could put each part on a part whole model too. 	4 + 3 = 7 Four is a part, 3 is a part and the whole is seven. 
Counting on using number lines using cubes or Numicon. 	A bar model which encourages the children to count on, rather than count all. 	The abstract number line: What is 2 more than 4? What is the sum of 2 and 4? What is the total of 4 and 2? 4 + 2

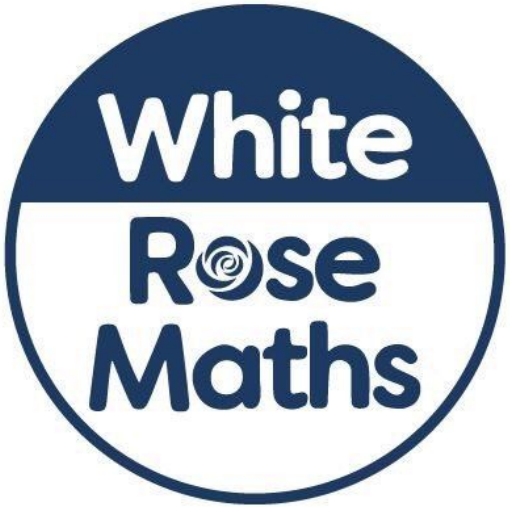
How do we use this to solve problems?

There are 16 stickers. They are shared equally between 4 children. How many does each child get?





Which resources support children's learning at TBS?



White Rose Maths is a popular UK math education program that:

- Creates teaching resources for schools
- Uses a step-by-step approach to learning math
- Emphasizes understanding concepts deeply, not just memorizing procedures
- Helps students see math through physical objects, pictures, and abstract concepts

It's widely used in UK primary and secondary schools and follows the national curriculum.

Which resources support children's learning at TBS?

Mathletics

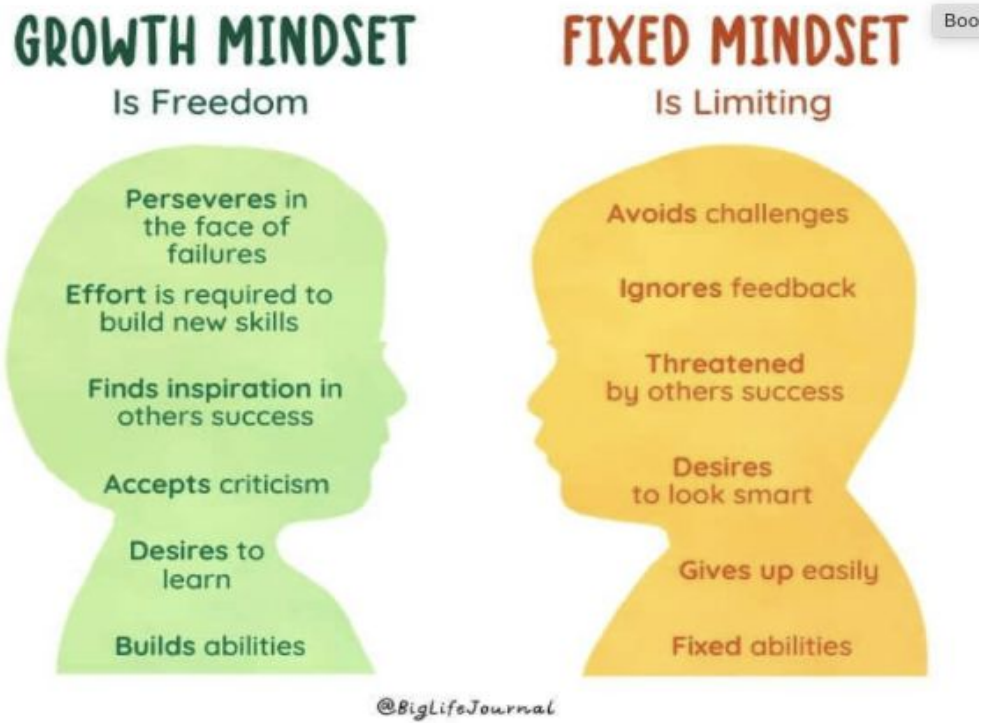
A 3P Learning Product

TIMES TABLES ROCK STARS

This will be used in class to consolidate learning or it may be used as **homework from Term 3 in Year 6** depending on time allocated to tasks, children's learning needs

Growth Mindset

Why building a Growth Mindset is so important in maths:



Help your child build a growth mindset by:

1. Praising Effort.
2. Accepting Failures.
3. Ask for Explanations.
4. Express the Amount of work put in.
5. “Your Brain is Growing”
6. Praise the PROCESS!

If they are finding things tricky, remind them that **mathematical ability is not innate,** and is **increased through effort and making mistakes, that's how our brains grow!**

Be careful how you talk about your own maths ability or like/dislike of maths around them, try to avoid saying things like 'well I have never been very good at maths' or 'I've always hated maths'.

How to support your child at home

How to support your child at home

The British School Kathmandu, Nepal

Times table flash cards - you can test them on these daily

Talking about maths in everyday life

Mathletics

Taking an interest in your child's maths learning

Resources for parents

For younger students

Mathletics

A 3P Learning Product

For Y3 and up

Any questions?

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