



Parent Workshop

Maths

14.03.2024

Memories &





Maths Success – 2023

		School	National
EYFS	GLD	90%	67%
KS1	SATs	87%	68%
KS2	SATs	82%	73%
Year 4	MTC (20+/25) (25/25)	87%* 66%	27%





SATs papers





What we teach

We use White Rose to help us with our planning.

Long term plans can be found on the school website: [Information/ Curriculum/ Mathematics](#)





Overview



EARLY YEARS

Length of topic area is subject to the teacher's discretion, as some areas may need a longer focus to ensure the children fully understand what is being taught.

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	Getting to know you (Take this time to play and get to know the children!)			Just like me!			It's me 1, 2, 3!			Light & dark		
	VIEW			VIEW			VIEW			VIEW		
Spring term	Alive in 5!			Growing 6, 7, 8			Building 9 & 10			Consolidation		
	VIEW			VIEW			VIEW					
Summer term	To 20 and beyond			First, then, now			Find my pattern			On the move		
	VIEW			VIEW			VIEW			VIEW		





Overview



EARLY YEARS AUTUMN

Length of topic area is subject to the teachers decreation, as some areas may need a longer focus to ensure the children fully understand what is being taught.

Autumn



Week 1	Week 2	Week 3		Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Getting to Know You Opportunities for settling in, introducing the areas of provision and getting to know the children. Key times of day, class routines. Exploring the continuous provision inside and out. Where do things belong? Positional language.			Phase	Just Like Me!			It's Me 1 2 3!			Light and Dark		
			Number	Match and Sort Compare Amounts			Representing 1, 2 & 3 Comparing 1, 2 & 3 Composition of 1, 2 & 3			Representing Numbers to 5. One More and Less.		
			Measure, Shape and Spatial Thinking	Compare Size, Mass & Capacity Exploring Pattern			Circles and Triangles Positional Language			Shapes with 4 Sides. Time		





Overview



Year 6

Length of topic area is subject to the teacher's discretion, as some areas may need a longer focus to ensure the children fully understand what is being taught.

Yearly overview

The yearly overview provides suggested timings for each block of learning, which can be adapted to suit different term dates or other requirements.

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number Place value		Number Addition, subtraction, multiplication and division					Number Fractions A		Number Fractions B		Measurement Converting units
Spring	Ratio		Algebra		Number Decimals		Number Fractions, decimals and percentages		Measurement Area, perimeter and volume		Statistics	
Summer	Geometry Shape		Geometry Position and direction		Themed projects, consolidation and problem solving							





Overview

Year 6 | Autumn term | Block 1 – Place value

Small steps

- Step 1 Numbers to 1,000,000
- Step 2 Numbers to 10,000,000
- Step 3 Read and write numbers to 10,000,000
- Step 4 Powers of 10
- Step 5 Number line to 10,000,000
- Step 6 Compare and order any integers
- Step 7 Round any integer
- Step 8 Negative numbers

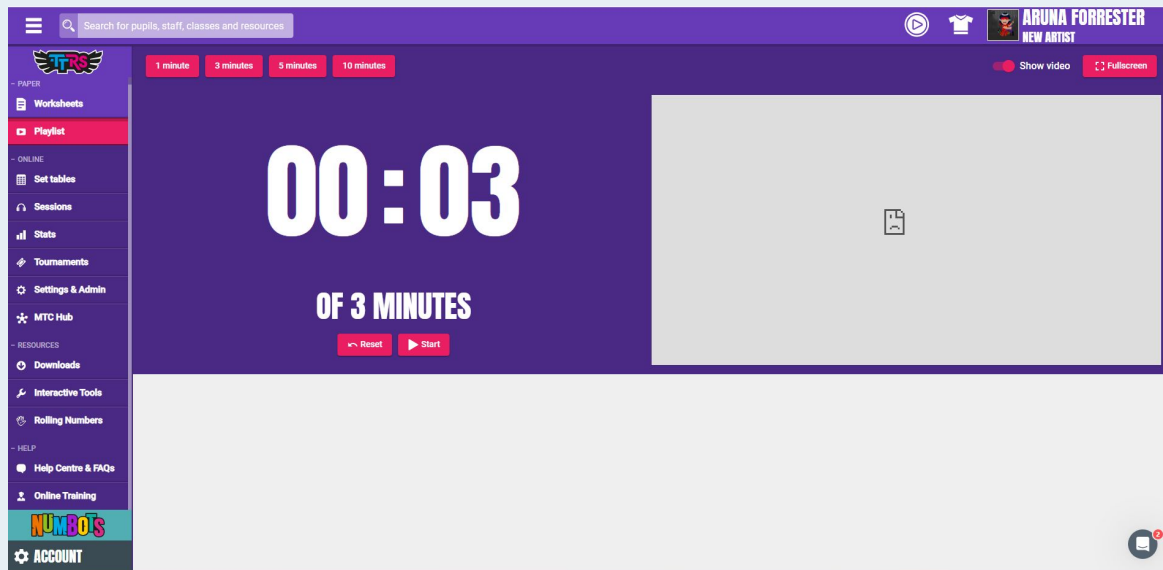




Overview

TTRS - from
Year 2 upwards.

By Year 4,
children need to
know all of the
times tables
facts up to 12 x
12.





Year 4 – MTC

In Year 4, children will use the following website for daily practice of times tables facts:
[Maths frame MTC](#)

MAIN MENU **Multiplication Tables Check** Time left: 2

$3 \times 8 =$

Play game

Time allowed: 6 seconds
Tables selected: All

Question 1 of 25 MATHSFRAME GO






Classrooms

- **Working Walls (displaying vocabulary and methods)**
- **Resources such as number lines, 100 squares, place value grids, counters and cubes**
- **Timers**
- **Class visualiser**
- **Peer support**
- **Adult support**





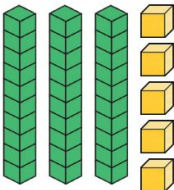
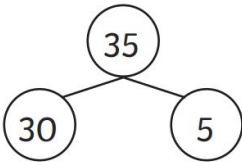
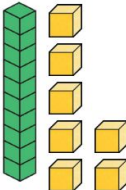
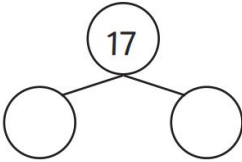
Terminology & Methods





Some common maths vocabulary

● Partitioning:

Make	Count	Part-Whole Model	Complete
	35		There are 3 tens. There are 5 ones.
			There are ____ tens. There are ____ ones.





Some common maths vocabulary

- **Place Value (hundreds, tens, ones)**

Tenths, Hundredths and Thousandths Place Value Grid

Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths





Some common maths vocabulary

- **Column addition and subtraction**
 - **Exchanging**

k.				
	6	2	8	
+	7	9	4	

c.				
	7	6	0	
-	3	2	5	





Some common maths vocabulary

- **Fractions (numerator and denominator)**

- **Butterfly method**
- **KFC**

4) $\frac{2}{3} + \frac{1}{5} =$

6) $\frac{1}{2} - \frac{3}{10} =$

8) $\frac{3}{8} + \frac{1}{3} =$

10) $\frac{4}{9} - \frac{1}{6} =$





Some common maths vocabulary

- Percentages (magic 10%)

11. 75% of 90 = _____

12. 45% of 25 = _____


13. 35% of 75 = _____

14. 55% of 90 = _____

15. 95% of 14 = _____

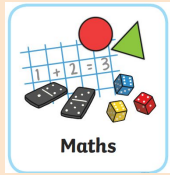
16. 42% of 46 = _____









**What a typical
lesson looks like**






Maths





ARUNA FORRESTER
NEW ARTIST



PAPER

Worksheets

Playlist

ONLINE

Set tables

Sessions

Stats

Tournaments

Settings & Admin

MTC Hub

RESOURCES

Downloads


Interactive Tools


Rolling Numbers

HELP

Help Centre & FAQs

Online Training



 **ACCOUNT**

1 minute

3 minutes

5 minutes

10 minutes

00:03


OF 3 MINUTES


Reset

Start

Show video

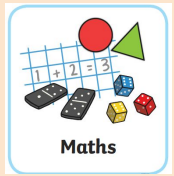
Fullscreen





11.09.23

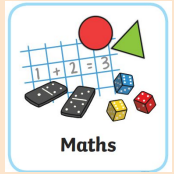
Arithmetic workout



CGP Book - Autumn Term Week 1

11.09.23

TBAT represent numbers to 1000.



Success Criteria:

- I can use base 10
- I can use pictorial representations
- I know hundreds are 10 times the size of tens
- I know 10 times the size of ones.
- I can use a placeholder zero.

Fluency

1.

2.

Use your class timetable to complete the sentences.

- Maths takes place in the ____.
- _____ takes place in the morning.
- _____ takes place in the afternoon.
- Home time takes place in the ____.

Sort the events into the table to show the time of day that they are likely to happen.

wake up	leave school	eat breakfast
after-school club	break time	go to bed

Morning (am)	Afternoon (pm)

Compare answers with a partner.

Dani starts school at 10 minutes past 9 in the morning.

- Write this time using am or pm.
- Show this time on both clocks.



Rosie plays netball at 20 minutes past 4 in the afternoon.

- Write this time using am or pm.
- Show this time on both clocks.



Which is the earliest time in each list?

10:34 am	8:56 am	5:12 am	11:00 am
8:49 pm	1:15 pm	6:05 pm	12:40 pm
6:31 pm	2:00 am	12:27 pm	5:45 am

Which is the latest time in each list?

4:51 pm	9:11 pm	3:20 pm	11:42 pm
10:18 am	11:33 am	7:54 am	9:10 am
10:59 am	6:30 pm	3:32 pm	8:14 am

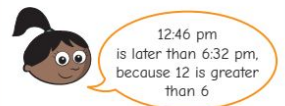
© White Rose M

Reasoning

and

Problem Solving

3.



Do you agree with Sam?
Explain your answer.



4.

11:58 pm

In 2 minutes,
it will be
12:00 noon.



Do you agree with Jack?
Explain your answer.

5.

Esther arrives at the station at this time in the morning.



The timetable shows the times the trains leave.

10:56 am	11:26 am	12:10 pm	12:43 pm
----------	----------	----------	----------

Which trains have already left?

Which is the first train that Esther could get?

6.

Tiny records the sunset and sunrise over two days.

Sunrise	Sunset
6:22 pm	6:09 am
6:20 pm	6:10 am

What mistake has Tiny made?

Structure of White Rose

Fluency

Fluency

- Use your class timetable to complete the sentences.
 - Maths takes place in the _____.
 - _____ takes place in the morning.
 - _____ takes place in the afternoon.
 - Home time takes place in the _____.
- Sort the events into the table to show the time of day that they are taking place.

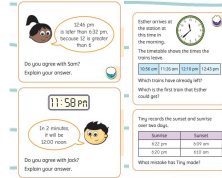
Wake up	Leave school	Get breakfast
10:04 am	8:56 am	5:12 am
11:00 am	8:40 pm	1:15 pm
after school club	go to bed	6:09 pm
Morning care	Afternoon rest	6:29 pm
		12:27 pm
		5:48 am
- Which is the earliest time in each list?

1	2	3	4
10:04 am	8:56 am	5:12 am	11:00 am
8:40 pm	1:15 pm	6:09 pm	12:40 pm
6:29 pm	2:08 am	12:27 pm	5:48 am
- Which is the latest time in each list?

1	2	3	4
10:04 am	8:56 am	5:12 am	11:00 am
8:40 pm	1:15 pm	6:09 pm	12:40 pm
6:29 pm	2:08 am	12:27 pm	5:48 am
- Complete sentences with a sentence.
 - Start every school at 10 minutes past 5 in the morning.
 - Wake up this time every day.
 - Show this time on both clocks.

Children complete fluency under 'Fluency' heading.

Reasoning and Problem Solving



Children complete Reasoning and Problem Solving underneath

Challenge Cards



Children complete their challenge under 'Challenge' heading..



FEEDBACK

I would be grateful if you could spare a few moments at the end of the workshop to provide some feedback.

Thank you.

