MATHS WORKSHOP

KS2 – Year 3

AIMS OF THE SESSION…

To show how rapid recall and number facts progress through school.

To provide you with an overview of the Year 3 expectations for rapid recall facts

To give an overview of the Number Club expectations for Year 3.

To provide you with ideas on how you can support at home with the rapid recall of facts.

EXPECTATIONS FOR PRIMARY SCHOOL PUPILS

Year 1 —   1 more or less than a given number

Number bonds/facts within 20

Counting in multiples of 2, 5, 10

Year 2 — Addition and subtraction facts to 20 and related facts up to 100.

Multiplication facts for 2x, 5x and 10x table

Division facts for 2x, 5x, 10x table

EXPECTATIONS FOR PRIMARY SCHOOL PUPILS

Year 3 – 10 more or less than a given number
100 more or less than a given number
Multiplication facts for 3x, 4x, 8x table
Division facts for the 3x, 4x, 8x table

Year 4 – 1000 more or less than a given number
Multiplication facts for multiplication tables up to 12 x 12
Division facts for multiplication tables up to 12 x 12
(6x, 7x, 9x, 11x, 12x explicitly taught)

Year 4 Statutory
Multiplication Check
Summer Term

EXPECTATIONS FOR PRIMARY SCHOOL PUPILS

Year 5 – Multiply mentally using known facts

e.g. 50 x 6 using 5 x 6 to support

Divide mentally using known facts

e.g. 360 ÷ 6 using 36 ÷ 6 to support

Year 6 – Application of facts

YEAR 3 EXPECTATIONS...

T1: I can find 10 more or less than a given number

T2: I can find 100 more or less than a given number

T17: I can recall and use multiplication facts for the three times table

T18: I can recall and use multiplication facts for the four times table

T19: I can recall and use multiplication facts for the eight times table

T20: I can recall and use division facts for the three times table

T21: I can recall and use division facts for the four times table

T22: I can recall and use division facts for the eight times table

NUMBER CLUBS…

Autumn Expectations
Spring Expectations
Summer Expectations

Number Club	Focus	Target	Number of Questions	Time
3a	10 more/less than	T1	30	3 minutes
3b	100 more/less than	T2	30	
3c	3 x table – multiply	T17	30	
3d	3 x table – divide	T20	30	
3e	4 x table – multiply	T18	30	
3f	4 x table – divide	T21	30	
3g	8 x table – multiply	T19	30	
3h	8 x table – divide	T21	30	
3i	3, 4, 8 x table – multiply		40	4 minutes
3j	3, 4, 8 x table – divide		40	
3k	3, 4, 8 x table multiply and divide		40	

DEVELOPING FLUENCY WITH FACTS

The basics of mathematical fluency – as defined by the KS1 / KS2 National Curriculum for maths – involve knowing key mathematical facts and being able to recall them quickly and accurately.

Fluency in maths lessons means we teach the content using a range of representations, to ensure that all pupils understand and have sufficient time to practise what is taught.

Wood End Primary School

Name: _____ Date: _____

4 x 3 = _____	2 x 3 = _____	10 x 3 = _____
12 x 3 = _____	8 x 3 = _____	5 x 3 = _____
7 x 3 = _____	11 x 3 = _____	3 x 3 = _____
6 x 3 = _____	1 x 3 = _____	9 x 3 = _____
10 x 3 = _____	4 x 3 = _____	8 x 3 = _____
1 x 3 = _____	11 x 3 = _____	6 x 3 = _____
9 x 3 = _____	3 x 3 = _____	12 x 3 = _____
2 x 3 = _____	7 x 3 = _____	5 x 3 = _____
9 x 3 = _____	8 x 3 = _____	12 x 3 = _____
6 x 3 = _____	7 x 3 = _____	11 x 3 = _____

Score: _____

Number Club 3c

Wood End Primary School

Name: _____ Date: _____

_____ x 3 = 12	_____ x 3 = 18	_____ x 3 = 9
_____ x 3 = 24	_____ x 3 = 3	_____ x 3 = 36
_____ x 3 = 15	_____ x 3 = 30	_____ x 3 = 27
_____ x 3 = 33	_____ x 3 = 21	_____ x 3 = 6
_____ x 3 = 36	_____ x 3 = 3	_____ x 3 = 21
_____ x 3 = 24	_____ x 3 = 33	_____ x 3 = 6
_____ x 3 = 15	_____ x 3 = 9	_____ x 3 = 30
_____ x 3 = 27	_____ x 3 = 12	_____ x 3 = 18
_____ x 3 = 36	_____ x 3 = 24	_____ x 3 = 30
_____ x 3 = 15	_____ x 3 = 21	_____ x 3 = 12

Score: _____

Number Club 3c

Wood End Primary School

Name: _____ Date: _____

_____ x 3 = 18	2 x 3 = _____	5 x 3 = _____
_____ = 7 x 3	_____ x 3 = 3	9 x 3 = _____
_____ = 9 x 3	6 x 3 = _____	_____ x 3 = 15
11 x 3 = _____	_____ x 3 = 21	_____ = 12 x 3
_____ x 3 = 12	8 x 3 = _____	_____ = 10 x 3
_____ = 2 x 3	_____ x 3 = 6	7 x 3 = _____
_____ = 6 x 3	10 x 3 = _____	_____ x 3 = 24
5 x 3 = _____	_____ x 3 = 30	4 x 3 = _____
_____ x 3 = 9	3 x 3 = _____	_____ = 11 x 3
_____ = 6 x 3	_____ x 3 = 27	12 x 3 = _____

Score: _____

HOW ELSE CAN YOU SUPPORT?

Practise facts linked to number clubs which are sent home each week by the class teacher.

Ensure the repeated addition is secure and counting in multiples

Counting concrete objects – objects grouped into 3s, 4s and 8's.

Chanting the times table – 1 times 3 is 3, 2 times 3 is 6 etc...

Quick fire questions on the spot e.g. in the car/shopping

Times table focus of the week at home including tables they have already learnt.

Resources on the school website – Children – Year 3

THANK YOU…

Thank you for attending

If you have any further questions then please do not hesitate to email the school with your query.

woodendprimaryschool@wolverhampton.gov.uk

Your child's class teacher (Miss Chahal) will be able to support if your query is specific to your child and Maths.