Multiplication Workshop for parents & carers February 2020

Year group expectations for multiplication & division How multiplication & division is taught Resources How you can support your child

Jan 31-13:25

Times Tables

Year 2 2, 5 & 10 x table

Year 3 3, 4 & 8 x table

Year 4 all tables up to 12 x 12

Jan 31-13:27

Multiplication Check for Year 4

Statutory for Year 4 2020

Trial for Year 4 2019

Year 4 Pilot Tables Check – June 2019						
Marks	Local School (1)		Sample WB Schools (9)		Downsway	
	Number of chn (56)	Percentage (/56)	Number of chn (663)	Percentage (/663)	Number of chn (30)	Percentage (/30)
25	0	0%	65	10%	4	13%
21+	11	20%	252	38%	11	37%
16+	30	54%	420	63%	18	60%
13+	42	75%	517	78%	28	93%
<13	14	25%	146	22%	2	7%

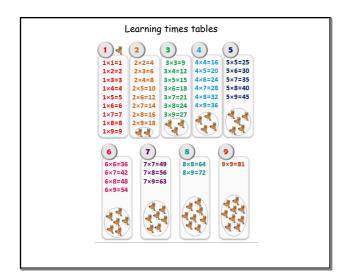
We want the children to be fluent in their times tables and their use of multiplication

Fluency is "skill in carrying out procedures flexibly, accurately, efficiently and appropriately". (Common Core State Standards for Mathematics) Using an appropriate strategy to find the answer efficiently.

The difference between $\underline{know\ from\ memory}$ and $\underline{memorization}$

With repeated experience working with number, children can come $\underline{\text{tost know}}$ that 2 x 6 = 12 without ever having $\underline{\text{tomemorize}}$ it.

Jan 31-13:28 Jan 31-13:30



Times Table Tricks

The 9 x table trick

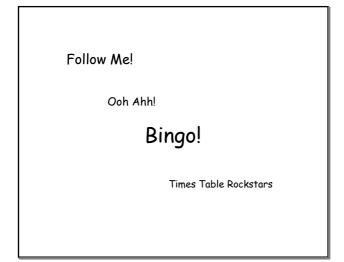
I know my 8s because I know my 4s

I have a favourite one. I have one that I always forget.

One of them is a song by Steps!

I know my tables because I dance!!

Jan 31-13:31 Jan 31-13:32



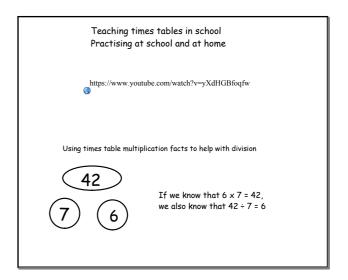
Determination to learn them!

Downsway times table award

Competition

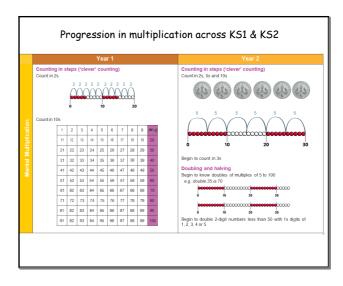
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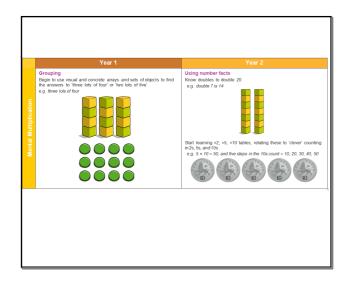


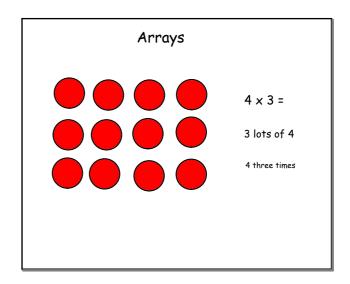
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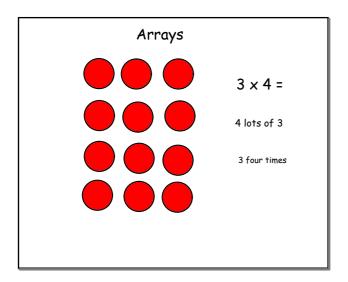


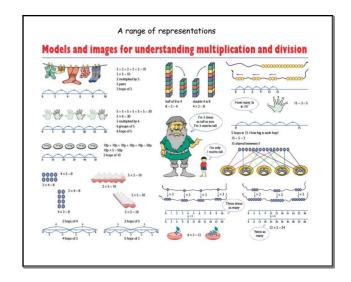
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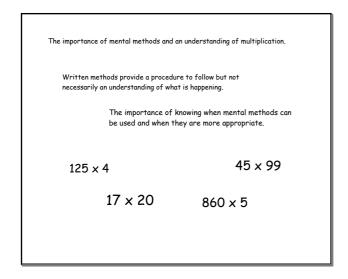


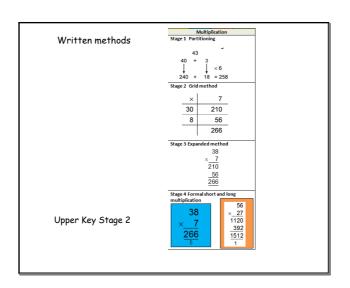
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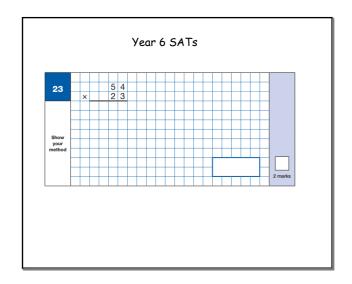


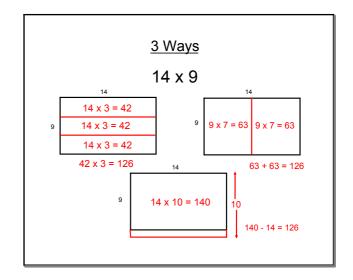
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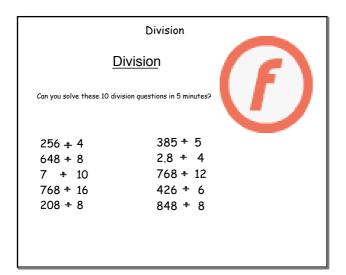


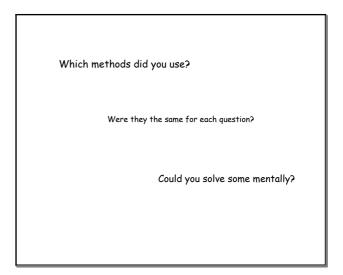
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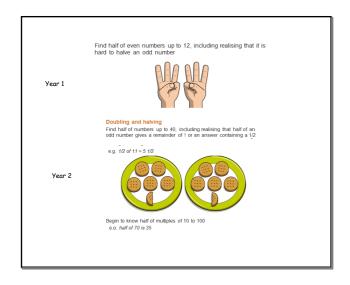


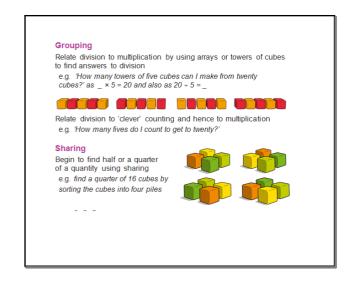
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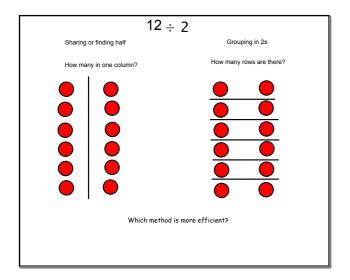


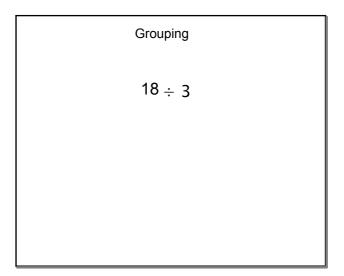
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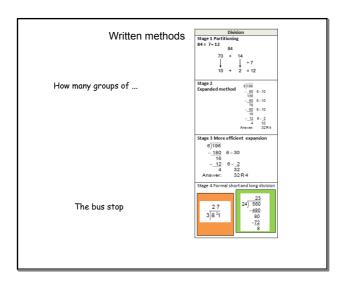


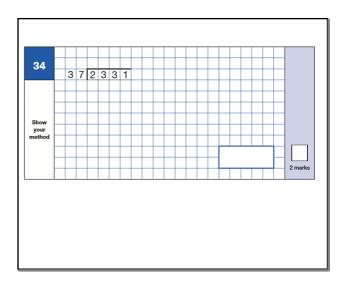
Feb 5-11:43 Feb 5-11:43





Feb 5-11:44 Feb 5-11:46





Feb 5-11:47 Feb 5-12:56

Expressing remainders

£311÷4

How many 5 seater taxis will I need to take my class of 31 to the zoo?

Understanding relationships between numbers. $24 \div 4 = 6$ $12 \div 2 = 6$ $1134 \div 18$

Feb 5-12:56 Feb 5-12:57

Simplifying a division

 $1024 \div 16 =$

Explain the mistakes $564 \div 3$ Mistake 1 Mistake 2 Mistake 3 121 $194 \cdot 2$ 3564 3564 3564 3564

Feb 5-12:59 Feb 5-12:59

A progression document

Resources

What you can do to help your child

Help them practise their times tables

Times Table Rockstars

Encourage them to explain what they have been doing in class

Being positive about maths

Make it as fun as possible

Get them to problem solve using their maths- pocket money, party planning, shopping, recipes $% \left(\frac{1}{2}\right) =\frac{1}{2}\left(\frac{1}{2}\right) +\frac{1}{2}\left(\frac{1}{2}\right) +\frac{1$

Feb 5-12:59 Feb 5-13:00