

Welcome!

Supporting your child's home learning

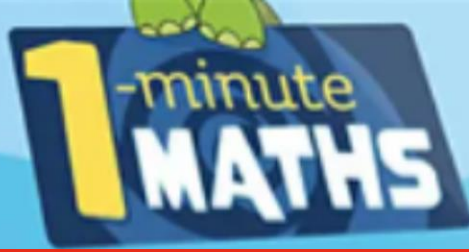




Supporting maths at home

Daily support and homework guidance

R Hasler & C MCDermott



Reception KS1

White Rose 1 minute maths

“Designed for use both in class and at home, our 1-minute maths app helps children build greater number confidence and fluency. It’s all about targeted practice in engaging, one-minute chunks!”

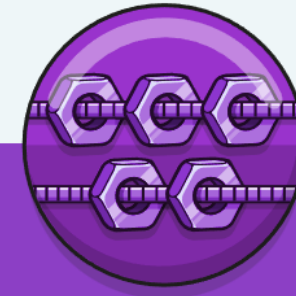




AUTOMATICITY & UNDERSTANDING

Instant recall of key number facts must be built on a secure and genuine mathematical understanding in order for pupils to move forward and solve increasingly complex problems.

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COUNTING TO CALCULATING

NumBots equips each pupil with the set of core maths skills they require by building their knowledge from the ground up - starting at the very beginning with subitising.

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- Developing number sense (understanding the concept of number)
- Moving from counting objects or pictures to working with digits

+	0	1	2	3	4	5	6	7	8	9	10
0	0+0	0+1	0+2	0+3	0+4	0+5	0+6	0+7	0+8	0+9	0+10
1	1+0	1+1	1+2	1+3	1+4	1+5	1+6	1+7	1+8	1+9	1+10
2	2+0	2+1	2+2	2+3	2+4	2+5	2+6	2+7	2+8	2+9	2+10
3	3+0	3+1	3+2	3+3	3+4	3+5	3+6	3+7	3+8	3+9	3+10
4	4+0	4+1	4+2	4+3	4+4	4+5	4+6	4+7	4+8	4+9	4+10
5	5+0	5+1	5+2	5+3	5+4	5+5	5+6	5+7	5+8	5+9	5+10
6	6+0	6+1	6+2	6+3	6+4	6+5	6+6	6+7	6+8	6+9	6+10
7	7+0	7+1	7+2	7+3	7+4	7+5	7+6	7+7	7+8	7+9	7+10
8	8+0	8+1	8+2	8+3	8+4	8+5	8+6	8+7	8+8	8+9	8+10
9	9+0	9+1	9+2	9+3	9+4	9+5	9+6	9+7	9+8	9+9	9+10
10	10+0	10+1	10+2	10+3	10+4	10+5	10+6	10+7	10+8	10+9	10+10

One more
Two more
Number bonds to 10
Adding on to 5
Adding zero
Doubles
Near doubles
Adding on to 10
Bridging 10
Compensating

+	0	1	2	3	4	5	6	7	8	9	10
0	0+0	0+1	0+2	0+3	0+4	0+5	0+6	0+7	0+8	0+9	0+10
1	1+0	1+1	1+2	1+3	1+4	1+5	1+6	1+7	1+8	1+9	1+10
2	2+0	2+1	2+2	2+3	2+4	2+5	2+6	2+7	2+8	2+9	2+10
3	3+0	3+1	3+2	3+3	3+4	3+5	3+6	3+7	3+8	3+9	3+10
4	4+0	4+1	4+2	4+3	4+4	4+5	4+6	4+7	4+8	4+9	4+10
5	5+0	5+1	5+2	5+3	5+4	5+5	5+6	5+7	5+8	5+9	5+10
6	6+0	6+1	6+2	6+3	6+4	6+5	6+6	6+7	6+8	6+9	6+10
7	7+0	7+1	7+2	7+3	7+4	7+5	7+6	7+7	7+8	7+9	7+10
8	8+0	8+1	8+2	8+3	8+4	8+5	8+6	8+7	8+8	8+9	8+10
9	9+0	9+1	9+2	9+3	9+4	9+5	9+6	9+7	9+8	9+9	9+10
10	10+0	10+1	10+2	10+3	10+4	10+5	10+6	10+7	10+8	10+9	10+10

One more
Two more
Number bonds to 10
Adding on to 5
Adding zero
Doubles
Near doubles
Adding on to 10
Bridging 10
Compensating

Year group expectations

Year 1 – Count in multiples of twos, fives and tens

Year 2 – **Recall and use multiplication and division** facts for the 2, 5 and 10 multiplication tables

Year 3 – **Recall and use multiplication and division** facts for the 3, 4 and 8 multiplication tables

Year 4 – **Recall multiplication and division facts** for multiplication tables up to 12 x 12

Year 5 - Identify multiples and factors, including finding all factor pairs of a number, and common factors of 2 numbers

Year 6 - multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication

	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	Counting to 5	2s	2s	3s	6s	2,5,10s	2,5,10s
Autumn 2	Counting to 5 and back	5s	5s	4s	7s	3,4,8s	3,4,8s
Spring 1	Counting to 10	10s	10s	8s	9s	6,7,9s	6,7,9s
Spring 2	Counting to 10 and back	2s	2s	3s	11s, 12s	11, 12s	11, 12s
Summer 1	Counting to 20 and beyond	5s	5s	4s	All	All	All
Summer 2	Counting to 20 and beyond	10s	10s	8s	All	All	All

Using TT Rockstars to support

Write out and chant tables at home as often as possible

Use garage mode to complete homework sessions

Encourage children to have times tables in front of them to support when needed

Children who want to progress can then move onto jamming to target further tables.

Jamming removes many barriers such as division facts and timer

(available after garage sessions complete)



Motivating children through progress

Table	10×	2×	5×	3×	4×	8×	6×	7×	9×	11×	12×
10	10 × 10	10 × 2	10 × 5	10 × 3	10 × 4	10 × 8	10 × 6	10 × 7	10 × 9	10 × 11	10 × 12
2	2 × 10	2 × 2	2 × 5	2 × 3	2 × 4	2 × 8	2 × 6	2 × 7	2 × 9	2 × 11	2 × 12
5	5 × 10	5 × 2	5 × 5	5 × 3	5 × 4	5 × 8	5 × 6	5 × 7	5 × 9	5 × 11	5 × 12
3	3 × 10	3 × 2	3 × 5	3 × 3	3 × 4	3 × 8	3 × 6	3 × 7	3 × 9	3 × 11	3 × 12
4	4 × 10	4 × 2	4 × 5	4 × 3	4 × 4	4 × 8	4 × 6	4 × 7	4 × 9	4 × 11	4 × 12
8	8 × 10	8 × 2	8 × 5	8 × 3	8 × 4	8 × 8	8 × 6	8 × 7	8 × 9	8 × 11	8 × 12
6	6 × 10	6 × 2	6 × 5	6 × 3	6 × 4	6 × 8	6 × 6	6 × 7	6 × 9	6 × 11	6 × 12
7	7 × 10	7 × 2	7 × 5	7 × 3	7 × 4	7 × 8	7 × 6	7 × 7	7 × 9	7 × 11	7 × 12
9	9 × 10	9 × 2	9 × 5	9 × 3	9 × 4	9 × 8	9 × 6	9 × 7	9 × 9	9 × 11	9 × 12
11	11 × 10	11 × 2	11 × 5	11 × 3	11 × 4	11 × 8	11 × 6	11 × 7	11 × 9	11 × 11	11 × 12
12	12 × 10	12 × 2	12 × 5	12 × 3	12 × 4	12 × 8	12 × 6	12 × 7	12 × 9	12 × 11	12 × 12



Maths homework at Dean Valley consists of:

- 1 minute maths
(reception, Ks1)
- Numbots (Ks1, Ks2)
- TT rockstars (ks1,
ks2)