

Tables

Make a times-table grid like this.

1	2	3	4	5	6	7	8	9	10
2	4	6	8	10	12	14	16	18	20
3	6	9	12	15	18	21	24	27	30
4	8	12	16	20	24	28	32	36	40
5	10	15	20	25	30	35	40	45	50
6	12	18	24	30	36	42	48	54	60
7	14	21	28	35	42	49	56	63	70
8	16	24	32	40	48	56	64	72	80
9	18	27	36	45	54	63	72	81	90
10	20	30	40	50	60	70	80	90	100

- ◆ Shade in all the tables facts that your child knows, probably the 1s, 2s, 3s, 4s, 5s and 10s.
- ◆ Some facts appear twice, e.g. 7×3 and 3×7 , so cross out one of each.
- ◆ Are you surprised how few facts are left?
- ◆ There might only be 10 facts to learn. So take one fact a day and make up a silly rhyme together to help your child to learn it, e.g. *nine sevens are sixty-three, let's have lots of chips for tea!*

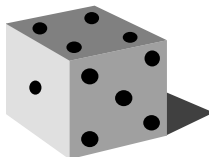
Telephone challenges

- ◆ Challenge your child to find numbers in the telephone directory where the digits add up to 42.
- ◆ Find as many as possible in 10 minutes.
- ◆ On another day, see if they can beat their previous total.

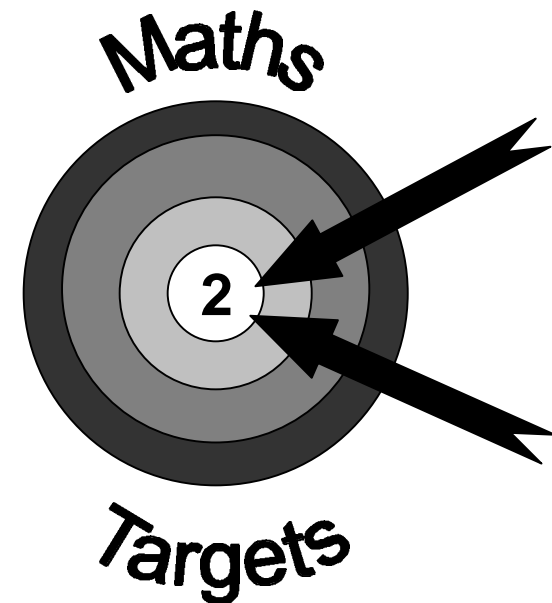
Telephone: 01264 738 281

Target 1000

- ◆ Roll a dice 6 times.
- ◆ Use the six digits to make two three-digit numbers.
- ◆ Add the two numbers together.
- ◆ How close to 1000 can you get?



Targets for pupils in Year 5



A booklet for parents

Help your child with mathematics

Targets – Year 5 ₂

By the end of Year 5, most children should be able to...

- ④ Multiply and divide any whole number up to 10 000 by 10 or 100.
- ④ Know what the digits in a decimal number stand for, e.g. the 6 in 2.63 stands for 6 tenths and the 3 for 3 hundredths.
- ④ Round numbers with 1 decimal place to the nearest whole number, e.g. 9.7 rounds up to 10, 147.2 rounds down to 147.
- ④ Use division to find a fraction of a number, e.g. find one fifth by dividing by 5.
- ④ Work out in their head the difference between two numbers such as 3994 and 9007.
- ④ Use pencil and paper to add and subtract big numbers, e.g. $5792 + 8436$, $13\ 912 - 5829$.
- ④ Know by heart all multiplication tables up to 10×10 .
- ④ Double numbers up to 100 in their heads.
- ④ Use pencil and paper to multiply and divide, e.g. 328×4 , 72×56 , $329 \div 6$.
- ④ Draw and measure lines to the nearest millimetre.
- ④ Work out the perimeter and area of a rectangle, e.g. the perimeter and area of a book cover measuring 25cm by 20cm.
- ④ Solve word problems and explain their method.

_____ is working on the targets that are ticked.

About the targets

These targets show some of the things your child should be able to do by the end of Year 5.

A target may be harder than it seems, e.g. a child may subtract 3994 from 9007 by writing it in columns, without realising it is quicker to count on from 3994 up to 9007 in his / her head.

Fun activities to do at home

Car numbers

- ◆ Try reading a car number as a measurement in centimetres, then converting it to metres, e.g. 456cm, which is 4.56m, or 4m and 56cm.
- ◆ Try this with car numbers that have zeros in them, e.g. 307cm, which is 3.07m or 3m and 7cm; 370cm, which is 3.7m, or 3m and 70cm. These are harder!

Dicey subtractions

- ◆ Take turns to roll a dice twice.
- ◆ Fill in the missing boxes.
 $400\Box - 399\Box$
e.g. $4002 - 3994$
- ◆ Count on from the smaller to the larger number, e.g. 3995, 3996, 3997, 3998, 3999, 4000, 4001, 4002.
- ◆ You counted on 8, so you score 8 points.
- ◆ Keep a running total of your score.
- ◆ The first to get 50 or more points wins.

