

Line it up

You need a ruler marked in centimetres and millimetres.

- ♦ Use the ruler to draw 10 different straight lines on a piece of paper.
- ♦ Ask your child to estimate the length of each line and write the estimate on the line.
- ♦ Now give them the ruler and ask them to measure each line to the nearest millimetre.
- ♦ Ask them to write the measurement next to the estimate, and work out the difference.
- ♦ A difference of 5 millimetres or less scores 10 points. A difference of 1 centimetre or less scores 5 points.
- ♦ How close to 100 points can she get?

My estimate 8.5 cm



Guess my number

- ♦ Choose a number between 0 and 1 with one decimal place, e.g. 0.6.
 - ♦ Challenge your child to ask you questions to guess your number. You may only answer 'Yes' or 'No'. For example, he could ask questions like 'Is it less than a half?'
 - ♦ See if he can guess your number in fewer than 5 questions. ♦
- Now let your child choose a mystery number for you to guess. Extend the game by choosing a number with one decimal place between 1 and 10, e.g. 3.6. You may need more questions!

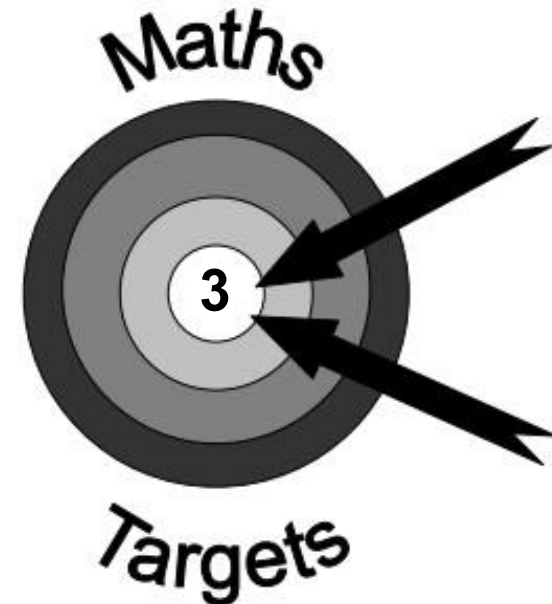
Times tables

Ask your child a different times-table fact every day, e.g. *What is 6 times 8? Can you use this to work out 12×8 ?*

and: *What is 48 divided by 6?*

Targets for pupils in Year 5

Ysgol Gymraeg Parc y Tywyn



A booklet for parents

Help your child with mathematics

Targets - Year 5₃

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

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

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.

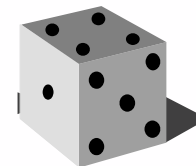
Fun activities to do at home

Car numbers

- ♦ Choose a car number.
- ♦ You may add or subtract 10, 20, 30, 40, 50, 60, 70, 80 or 90.
- ♦ Try to get as close as possible to 555.
- ♦ Who can get closest during a week?

Dicey division

For this game you need a 1-100 board (a snakes and ladders board will do), a dice and 20 coins or counters.



- ♦ Take turns.
- ♦ Choose a two-digit number. Roll a dice. If you roll 1, roll again.
- ♦ If your two-digit number divides exactly by the dice number, put a coin on your chosen two-digit number. Otherwise, miss that turn.
- ♦ The first to get 10 counters on the board wins.