



Useful websites to help:

If you don't understand the model (right) watch this.

<https://www.youtube.com/watch?v=5sZ8pHsrioM>

Topmarks games—click on doubles—range of levels. Start with numbers you are slightly unsure of then work your way up.

<https://www.topmarks.co.uk/maths-games/hit-the-button>

Daily 10. Jot answers down then check them. Start with level 3 doubling. Can you increase speed and work up to level 6 doubling? Pick an appropriate starting point.

Be a maths investigator!



How does knowing double 6 help you double 60

How does knowing double 6 help you double 600

Investigate how knowing the doubles of whole numbers can help you double decimal numbers

(eg double 126 and 1.26)

What do you notice?

Does this work for all numbers?

Year 6

Learn by heart of the week:

Doubling

Double each part of the number then combine.

$$\begin{array}{r} 47 \\ 80 + 14 \\ = 94 \end{array}$$

$$\begin{array}{r} 338 \\ 600 + 60 + 16 \\ = 676 \end{array}$$

$$\begin{array}{r} 3.67 \\ 6 + 1.2 + 0.14 \\ = 7.34 \end{array}$$

This weeks task!

To double 2 digit, 3 digit and decimal numbers (to 2 decimal places).

Get practising!

Use the model on the left to practise doubling numbers. If you are unsure start with 2 digit numbers.

Can you do them in your head? Check using the model on the left, column addition or use a calculator.

Pick a number. How many times can you double it? Create your own number sequences.

Get creative!

Design a game to help you double numbers.

Could you make a dominoes game?

Could you make a 4 in a row game? eg where you have to double the number on the board to put your counter on it.

Could you make a game to play in the garden eg a target game where you can get double points for landing close to the target (like a giant darts board)

Don't forget!

Keep working on the times tables and division facts so you don't forget them.

Little but often is best.