Be a maths investigator!

Last year my age was a   square number.
Next year it will be a cube number.
How old am I?
How long must I wait until my age is both
a square number and a cube?

Useful websites!

Year 6

Learn by heart of the week:

Square numbers

$0^2 = 0$ so (0x0=0)

$1^2 = 1$ so (1x1=1)

Now record for all numbers upto 12

Can you do them in your head?

Get creative!

Make a board game matching square numbers to the answers.

Make a snake and ladders game focussing on square numbers.

Could you make a 4 in a row game? eg where you have to square 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 square points for

This weeks task!

Recall all the number squares up to 144.

Useful information!

A **square number**, sometimes also called a **perfect square**, is the result of an integer multiplied by itself. 1, 4, 9, 16 and 25 are the first five square numbers.

Square numbers are non-negative. Another way of saying that a (non-negative) number is a square number, is that its square root is again an integer. For example, $\sqrt{9}$ = 3, so 9 is a square number.

Don't forget!

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

Little but often is best.