Wednesday 22nd April, Year 5

English

Vocabulary session:

Find out what each of these words mean and use them in an exciting sentence, demonstrating you understand the meaning of the word.

briny	breeches	magenta	salary
galleon	shepherd	velvet	develop
portrait	gravel	embers	livid

Maths

Today we are going to investigate cubed numbers.

A cubed number is made when we multiply a number by itself twice.

For example, 2^3 is the same as 2 x 2 x 2 (= 8)
Choose your chilli challenge. When you have finished, check your answers on a calculator – NO CHEATING!

Calculate.... 2^3 3^3 4^3 5^3 6^3 7^3	$2^3 + 3^3$ $3^3 + 4^3$ $5^3 + 4^3$ $6^3 + 4^3$ $7^3 + 6^3$ $8^3 + 7^3$

Now try this challenge:

True or false?

$7^2 + 2^3 = 49$

True or false?

$8^2 + 3^3 = 91$

True or false?

$7^2 - 2^3 = 41$

Jenny is thinking of a two-digit number that is both a square and a cubed number.
What number is she thinking of?

Extras

Don't forget to read!

Practise your times tables – look at https://www.timestables.co.uk/games/ and create a free account.

Log onto NumBots and Times Table Rock Stars.