

5B's Home Learning

for Tuesday, 5th January

There's Maths, English and Music today.

Maths:

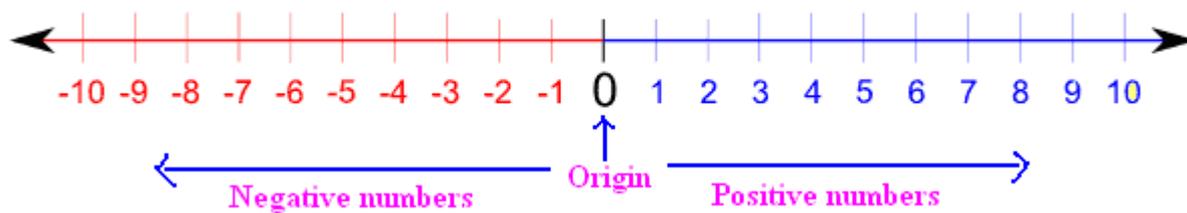
Today we are going to be studying negative numbers and adding to them. First of all, take a look at this:

<https://www.bbc.co.uk/bitesize/clips/zcr9jxs>

There's been a lot of negative numbers in the news recently with all this freezing weather. The other day I started a run and the temperature was 1° (one degrees) and by the time I'd finished it was -1° (negative one degrees). My fingers were very cold!

Now watch this:

<https://www.bbc.co.uk/bitesize/clips/zjj2hyc>



Remember this rule: when adding a positive number, count to the right.

Use the number line to help you answer these questions:

1) $-5 + 7 =$ 2) $-10 + 5 =$ 3) $-1 + 9 =$ 4) $-3 + 3 =$ 5) $-8 + 12 =$

Remember this rule: when adding a negative number, count to the left.

Use the number line to help you answer these questions:

6) $2 + -5 =$ 7) $6 + -10$ 8) $-1 + -5 =$ 9) $-8 + -1$ 10) $0 + -4$

English:

Watch this video on **compound words**:

<https://classroom.thenational.academy/lessons/to-explore-compound-words-6wwpat?activity=video&step=1>

Now you've watched the video, how many real compound words can you think of (not ones in the video)?

5 compound words will win you an Aston Martin DB9.

10 compound words will win you an Aston Martin DB9 and a holiday for two in Florida.

Over 10 compound words will win you an Aston Martin DB9, a holiday for two in Florida and a lifetime's supply of haggis as cooked by Mrs Bailey. (It doesn't get better than that!)

You are going to love this...

Music: repeated patterns (the second and third link may only open in Google Chrome, so don't worry if it doesn't open 😊)

Read and watch the two videos on this webpage:

<https://www.bbc.co.uk/teach/ten-pieces/classical-music-steve-reich-music-for-18-musicians/zk44y9q>

Steve Reich used repeated patterns of music. And this is what I would like you to have a go at. Take a look at Song-Maker. I've had lots of fun with it before writing this lesson.

There are no instructions, but being the excellent 21st century children that I know you are, I know you'll work out how to use it within minutes.

<https://musiclab.chromeexperiments.com/Song-Maker/>

Task: make a repeated pattern piece of music.

Here's my go at the task. I made slight changes as the pattern progressed. I was trying to be like Steve Reich. I saved and then copied the link.

<https://musiclab.chromeexperiments.com/Song-Maker/song/4981330165628928>

I'd like to hear what you've created, so send the link via Class Dojo or to rbishop@ashfield-jun.cumbria.sch.uk