Place Value

Today we are going to be completing some retrieval practice looking at place value. This Powerpoint should offer you some of the basics which will support you when completing your independent work.

Take a look at the place value grid below and make sure you are confident with it.

Millions			Thousands			Units				Decimals				
Hundreds of Millions 100 000 00	Tens of Millions 10 000 000	One Millions 1 000 000	Hundreds of Thousands 100 000	Tens of Thousands 10 000	One Thousands 1000	Hundreds 100	Tens 10	Units 1	Decimal Point	Tenths $\frac{1}{10}$ 0.1 or	Hundreths $\frac{1}{100}$ 0.01 or	Thousandths $\frac{1}{1000}$ 0.001	Tens of Thousandths $\frac{1}{10000}$ 0.0001	Hundreds of Thousandths $\frac{1}{100000}$ 0.00001
									•					
									•					
									•					
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									•					
									•					

I have included a video on the next slide which takes you right back to the start and explains the place value behind comparing and ordering numbers.

Please watch **carefully** as it breaks down the idea of comparing and ordering numbers very clearly.

Compare.

98,989 98,899


Negative Numbers!

What is a negative number?

A negative number is a number that goes below 0.

Such as... -2 -5 -19

What '*real life*' situations do you see negative numbers being used?

Bank Accounts!
(unfortunately!)

Temperature!

Elevators!

Bank Accounts!

If somebody <u>has</u> money in their bank their account balance is shown as a <u>regular</u> figure.

Paid out (£)	Paid in (£)	Balance (£)
		20.03
	80.00	100.03
20.00		80.03
25.00		55.03
40.00		15.03
		15.03

<u>Now….</u>

just because you don't have money in your account doesn't always mean you can't spend money.

Bank Accounts!

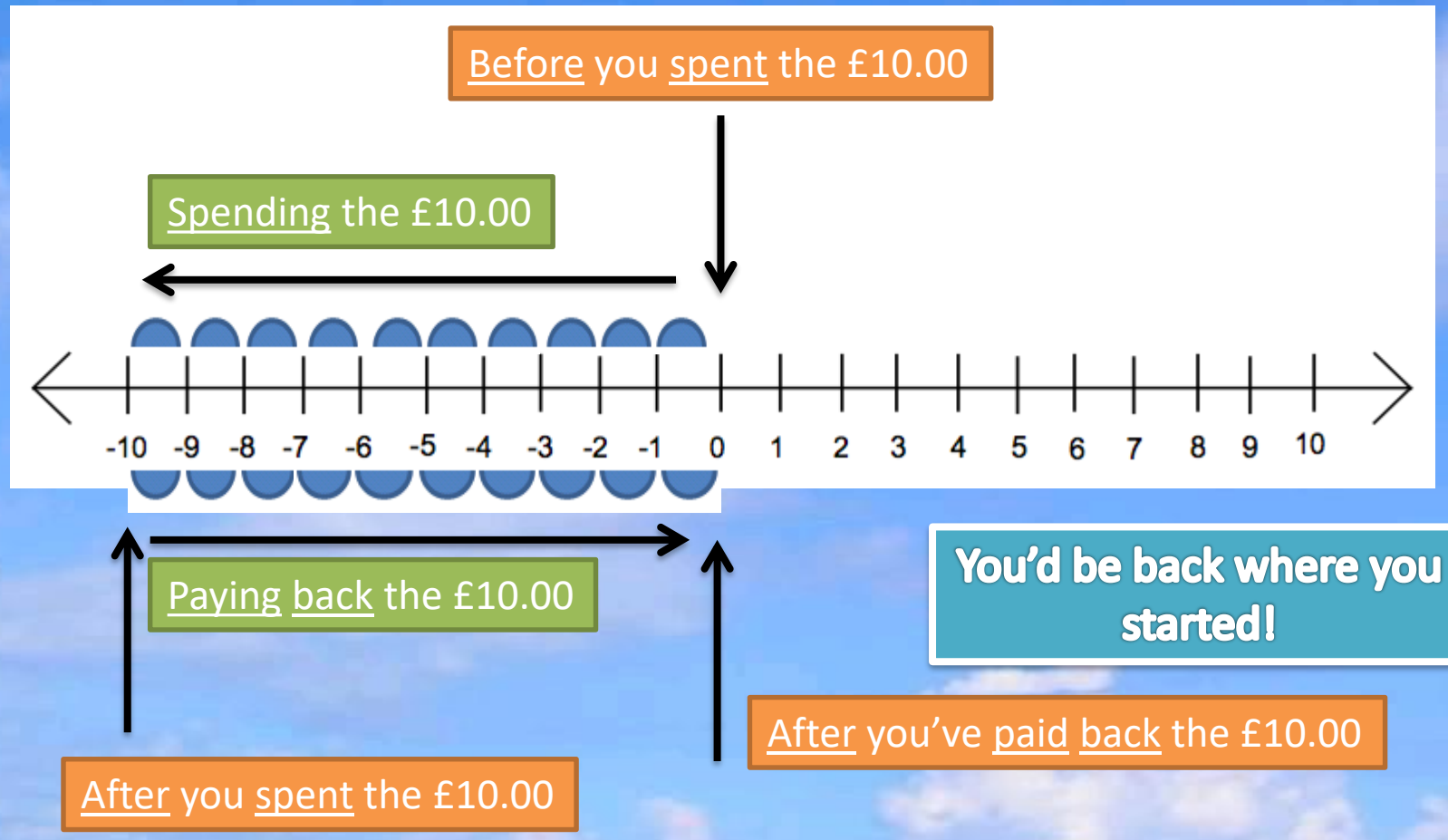
Any money you spend that you don't have (below £0.00) is money that you are *borrowing* from the bank.

E.G. if you were to buy something that cost £10 and you didn't have the money in your account your balance would read - £10.00

This money is called your 'overdraft' and is represented using negative numbers.

If you paid that £10.00 back to the bank what would your bank balance read as?

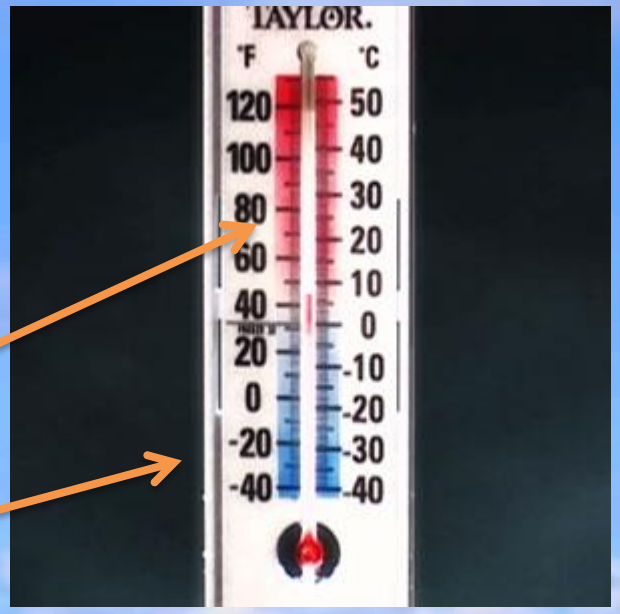
Bank Accounts!



Temperature

How do you think thermometers use negative numbers?

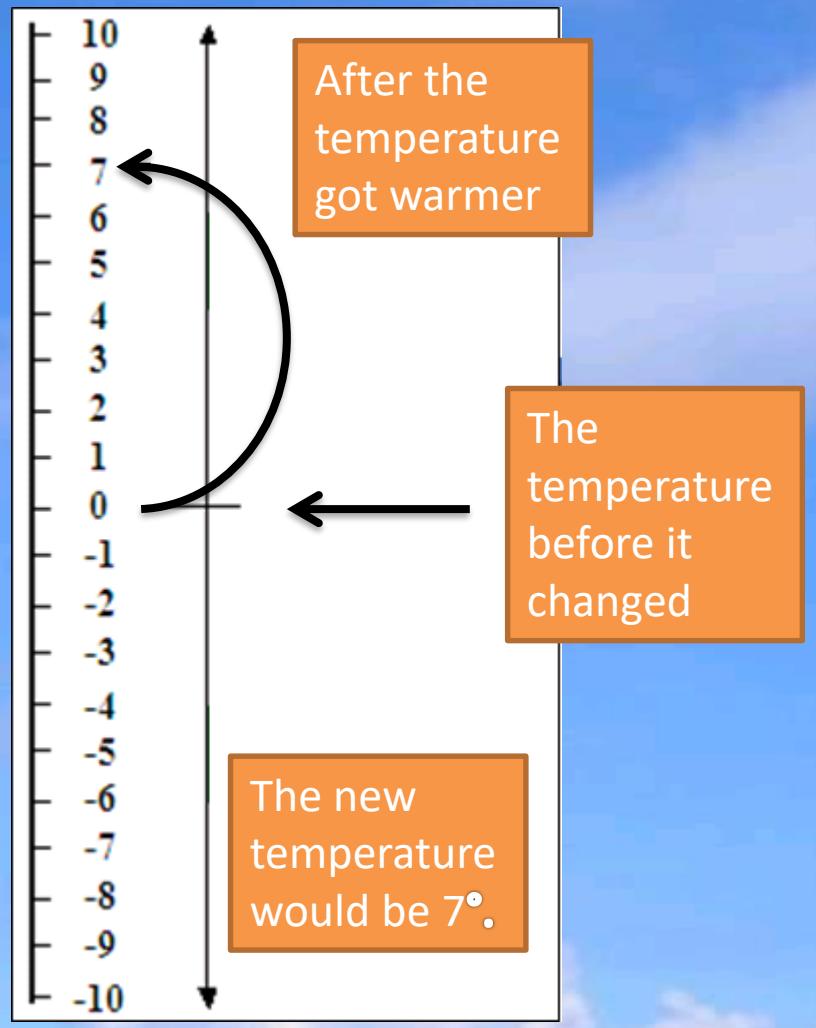
Think about the colours!



Temperature!

0° is the central point on a thermometer

The temperature is 0°.
If the temperature got 7° warmer what would the temperature be?



Temperature!

What if it got 10° cooler?

The new temperature would read -3°