



Focus:

Negative Numbers

Time:

1 week

NC

Use negative numbers in context, and calculate intervals across zero.

Solve number and practical problems involving the above.

Times Tables 5NF-1

Consolidate and practice all multiplication and division facts to 12x12 – any order, missing numbers, fractions.

Use multiplication and division facts to derive associated facts.

Develop multiplicative reasoning - links between multiplication, division and fractions.

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Concept Sequence

Count forwards and backwards through zero.

Find intervals across zero. Use vertical and horizontal number lines.

Add/subtract/order/compare

Use negative numbers in context – temperature.

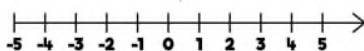
Resources

Vertical and horizontal number lines/tracks, Counting stick
Gordons Maths Games, Mathletics, TTRockstars,
BBC Super Movers
<https://www.bbc.co.uk/teach/superheroes/ks2-collection/zr4ky9g>

Planning Links

Power Maths, White Rose, Maths No Problem/Aspire
White Rose Scheme of Work:

<https://assets.whiterosemaths.com/new-schemes/Y6%20Autumn%20Block%201%20SOL%20Place%20value.pdf>



- What is 6 less than 4?
- What is 5 more than -2?
- What is the difference between 3 and -3?

Existing Vocabulary

Number, numeral

Positive, Negative

Negative one, two.....

Zero

Count, count to/up to, count on, count on from, count on to, count back, count back from, count back to

Forwards/Backwards

Count in ones, twos....

Thermometer, temperature, vertical, horizontal

Celsius

Warmer/est, colder/est

A company decided to build offices over ground and underground.

If we build from -20 to 20, we will have 40 floors.



Do you agree? Explain why.