

Revision ideas - mathematics

Springboard lessons

Use the problem solving lessons with the whole class.

CD roms & Websites

NNS CD roms ~ Easter school
Mathematical activities for Y6
Count on website
BBC Revisewise site

Revision notebooks

Pupils write key ideas, images and jottings at the end of units of work in personal notebooks

Displays used in teaching

Prompts showing key ideas, calculation strategies, how to tackle problem solving . . .

Framework

Give pupils examples from Section 6 - discuss, change the examples

Design posters

Important things to remember about different aspects of maths

Word problems

Pupils write word problems (given operation and number of steps) and an answer book for other pupils

ITPs

Pupils use ITPs for practice ~
Multiplication grid
Division grid Fractions
Decimal number line

Videos

Show pupils NNS videos as a starting point for discussion
e.g. division, percentages,
Y6 TA training videos

Mental maths

Provide a sample of questions each day for pupils to discuss methods and jottings. Consider alternative methods.

Set some questions as homework.

At the end of the week use the same types of questions (changing the examples) and give them orally as in the test.

Reasoning

Use Testbase to find past questions which require reasoning. Provide a range of answers and discuss with pupils which satisfy what the question is asking.

(Examples in Y6 course participants pack)

QCA mark scheme

Look at the mark schemes for different questions. What are essential elements?

Using calculators

When pupils use calculators, get them into the habit of recording the number and operation keys used to show what they have done

Countdown

Play the numbers game
6 numbers (from 25, 50, 75, 100, 1-10) use with four operations to make a 3-digit total

Mnemonics

Make up rhymes, acrostics, silly phrases . . . to remember key ideas, and strategies including

'Use jottings'

'Draw number lines'

'Estimate first'

'Is the answer sensible?'