Mental Agility Activity Sheet 6

Multiplication and Division; Fractions, Decimal Fractions and Percentages; Ratio and Proportion

This is the violet part of the Rainbow of Numeracy Skills. Choose any task to 'have a go' at from the grid. If you come up with your own challenge you can add it to the grid. You can either colour in the chilies or the block on the grid, or tick to show your teacher what you have chosen to work on.

Practice counting in 1s as a group. Don't say multiples of 2, 5, 10. Clap, stamp feet, jump up etc. instead.	Practice counting in multiples of 3, 6, 9. Count forwards, backwards using counting stick.	Practice counting in 1s as a group. Don't say multiples of 3, 6, 9. Clap, stamp feet, jump up etc. instead.	Practice counting in multiples of 4, 8. Count forwards, backwards using counting stick.
Practice counting in 1s as a group. Don't say multiples of 3, 6, 9. Clap, stamp feet, jump up etc. instead.	Challenge each other to come up with word problems linked to multiplication problems.	Challenge each other to come up with word problems linked to division problems.	Practice counting forwards and backwards multiples of 7 using a counting stick.
Show array on the board. Ask children to write all associated multiplication and division facts. Come up with linked facts in multiples of 10 and 100.	Match fractions with their visual representations i.e. can you find the fraction which represents ¼. https://phet.colorado.edu/sims/html/fraction-matcher/latest/fraction-matcher_en.html	Ask children to draw visual representations for a range of unit fractions.	Ask children to draw visual representations for a range of non-unit fractions.
Match common fraction, percentage and decimal equivalences. i.e. 1/2 =0.5=50%	Convert simple fractions to decimals and percentages.		