Please practise your mental maths challenge outside of school. You can practise at home, on the way to school, at the swimming pool or anywhere else you choose!

An adult in school will regularly check your learning.

Bronze: For knowing your cube numbers up to 100. Cube numbers are formed by multiplying a digit by itself three times. Each cube number can be represented by a cube made up of unit cubes.
When you achieve bronze, you will receive a bronze sticker.

Silver: For being able to read roman Numerals to 100.
When you achieve silver, you will receive a silver sticker.

Gold: For knowing key mathematical vocabulary and being able to demonstrate application of this.
When you achieve gold, you will receive a gold sticker.

When you have achieved your bronze, silver and gold for your Cube Numbers, Roman Numerals and mathematical vocabulary you will receive a special certificate in assembly!

Bronze	Silver	Gold
1 cubed is 1 x 1 x 1 = 1 2 cubed is 2 × 2 × 2 = 8 3 cubed is 3 × 3 × 3 = 27 4 cubed is 4 × 4 × 4 = 64 5 cubed is 5 x 5 x 5 = 125 6 cubed is 6 x 6 x 6 = 216 7 cubed is 7 x 7 x 7 = 343 8 cubed is 8 x 8 x 8 = 512 9 cubed is 9 x 9 x 9 = 729 10 cubed is 10 x 10 x 10 = 1000	1 I, 2 II, 3 III, 4 IV, 5 V, 6 VI, 7 VII, 8 VIII, 9 IX, 10 X, 11 XI, 12 XII, 13 XIII, 14 XIV, 15 XV, 16 XVI, 17 XVII, 18 XVIII, 19 XIX, 20 XX, 21 XXI, 22 XXII, 23 XXIII, 24 XXIV, 25 XXV, 26 XXVI, 27 XXVII, 28 XXVIII, 29 XXIX, 30 XXX, 31 XXXI, 32 XXXII, 33 XXXIII, 34 XXXIV, 35 XXXV, 36 XXXVI, 37 XXXVII, 38 XXXVIII, 39 XXXIX, 40 XL, 41 XLI, 42 XLII, 43 XLIII, 44 XLIV, 45 XLV, 46 XLVI, 47 XLVII, 48 XLVIII, 49 XLIX, 50 L, 51 LI, 52 LII, 53 LIII, 54 LIV, 55 LV, 56 LVI, 57 LVII, 58 LVIII, 59 LIX, 60 LX, 61 LXI, 62 LXII, 63 LXIII, 64 LXIV, 65 LXV, 66 LXVI, 67 LXVII, 68 LXVIII, 69 LXIX, 70 LXX, 71 LXXI, 72 LXXII, 73 LXXIII, 74 LXXIV, 75 LXXV, 76 LXXVI, 77 LXXVII, 78 LXXVIII, 79 LXXIX, 80 LXXX, 81 LXXXI, 82 LXXXII, 83 LXXXIII, 84 LXXXIV, 85 LXXXV, 86 LXXXVI, 87 LXXXVII, 88 LXXXVIII, 89 LXXXIX, 90 XC, 91 XCI, 92 XCII, 93 XCIII, 94 XCIV, 95 XCV, 96 XCVI, 97 XCVII, 98 XCVIII, 99 XCIX, 100 C	What does multiples mean? What does factor mean? What are improper fractions? What does percentage mean? What is a reflex angle? What is the mean?