



This term we have introduced 'star maths awards' in school.

The awards are split into 4 different stars, bronze, silver, gold and platinum. When a child has achieved all the objectives in each star they will be rewarded with the same colour pin badge.

The aim is to raise the standard of fluency (mental maths skills) in each year group. Whilst the children will be practicing fluency skills daily in school it would also be beneficial to be working on the skills at home.

Nursery

Bronze: To count to 10 in 1s.

Silver: To count a set of 5 objects accurately with 1:1 correspondence.

Gold: To recall 1 more and 1 less than a number to 5.

Platinum: To count backwards from 10. To recall addition and subtraction facts within 3.

Reception

Bronze: To recall number bonds within and to 5.

Silver: To recall addition doubles to 5+5.

Gold: To recall number bonds to 10.

Platinum: To apply understanding of mental methods required for bronze, silver and gold to solve problems.

Year 1

Bronze: To count fluently forwards in multiples of 2 and 10 to 20 and 100.

Silver: To count fluently forwards in multiples of 2, 5 and 10 from zero to 20, 50 and 100.
To recognise odd and even numbers to 10.

Gold: To count fluently forwards and back in multiples of 2, 5 and 10 starting from different multiples.
To recognise odd and even numbers to 20.

Platinum: To apply understanding of mental methods required for bronze, silver and gold to solve problems.

Year 2

Bronze: To fluently recite the 2 and 10 times tables and answer multiplication facts out of order.

To recognise odd and even numbers. To recall doubles of all numbers to 10 and corresponding halves

Silver: To fluently recite 2, 5 and 10 times tables and answer related multiplication and division facts out of order for these tables. To count in multiples of 3 to 36.

Gold: To fluently recite the 3 times tables to 12 x 3.

To answer related multiplication and division facts out of order for the 2, 3, 5 and 10 times tables.

Platinum: To apply understanding of mental methods required for bronze, silver and gold to solve problems.

Year 3

Bronze: To fluently recite the 3 and 4 times tables and answer multiplication and division facts out of order. To count in multiples of 8.

Silver: To fluently recite the 3, 4 and 8 times tables and answer multiplication and division facts out of order. To count forwards from zero in steps of 50 and 100 to 1000 and back again.

Gold: To fluently recite the 6 times tables. To answer multiplication and division facts out of order for the 2, 3, 4, 5, 6, 8 and 10 times tables. To use division facts to find a fraction of a number. To use multiplication facts in different ways to create the same number e.g. 12 is made by 3 x 4, 2 x 6.

Platinum: To apply understanding of mental methods required for bronze, silver and gold to solve problems.

Year 4

Bronze: To fluently recite the 7 and 9 times tables and answer multiplication and division facts out of order.

Silver: To fluently recite any requested table to 12 x 12 and answer multiplication and division facts out of order. To count forwards from zero in steps of 25 to any given number and back again.

Gold: To use known facts and place value to calculate quickly e.g. 20×4 . To use division facts to quickly find a unit fraction e.g. $\frac{1}{8}$ of a given number. To identify factor pairs of any number up to 50.

Platinum: To apply understanding of mental methods required for bronze, silver and gold to solve problems.

Year 5

Bronze: To fluently recite any given table up to 12 x 12 and answer multiplication and division facts out of order. To count on and back from any multiple of 25, 50 or 100 from these numbers.

Silver: To find factor pairs of any number in the tables to 12 x 12. To quickly identify factors that two given numbers have in common. To recall prime numbers to 19 and square numbers to 12 x 12.

Gold: To use known facts and place value to calculate quickly e.g. 0.6×7 . To use division and multiplication to find non unit fractions of numbers within tables range e.g. $\frac{5}{7}$ of 35.

Platinum: To apply understanding of mental methods required for bronze, silver and gold to solve problems.

Year 6

Bronze: To fluently recite any given table to 12 x 12 and answer multiplication and division facts out of order. To identify prime numbers up to 50. To use known facts and place value to calculate mentally e.g. 200×3 .

Silver: To mentally divide 3 digit numbers using tables facts to partition the number e.g. $372 \div 6$. To identify prime numbers up to 100 e.g. $\frac{1}{3}$ of $\Delta = 21$.

Gold: To use multiplication facts and a range of strategies to quickly multiply 3 numbers including cubes of numbers to 10 e.g. $7 \times 4 \times 5$. To express any number up to 100 as the product of its prime factors.

Platinum: To apply understanding of mental methods required for bronze, silver and gold to solve problems.

**If lost, replacement
badges can be bought at
the office for £1.50**



Star Maths Awards!



Reach for the moon and be
a mathematical star!