



Oakwood Maths

At Oakwood Primary School, we have a Basic Skills Log system, which leads to awards.



Rockets, Stars and Planets

These three logs are worked through in Years R, 1 and 2. They help embed basic knowledge of the number system and number bonds.



The Bronze Award

This is knowing all your tables up to 12 x 12 and all the division facts which go with them.



The Silver Award

This is using your multiplication and division facts to multiply and divide by multiples of 10, knowing square numbers, doubling and halving and knowing common fraction equivalents.



The Gold Award

This is using your multiplication and division facts to work with money, decimals and having a range of mental maths strategies for all occasions!

When children have achieved the **Gold Award**, they can move on to the **Platinum** and **Platinum Plus Awards**.

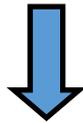


Oakwood Maths

Basic Skills Logs Journey

Rockets Year R

- Touch count, recognise, order and represent - using objects - numbers up to 10
- Touch count, recognise, order and represent - using objects - numbers up to 20
- Add and subtract single digit numbers
- To find different ways to make a given number up to 10



Stars Year 1

- Count on and back in ones from 20
- Read and write number up to 20
- Find one more or less than numbers up to 20
- Number bonds to 10
- Double number up to 10, halve number up to 20
- Count in 2s up to 20 and back
- Count in 5s up to 50 and back
- Count to 100 and beyond
- Count back from numbers up to 100
- Read and write number up to 100
- Find one more and less than numbers up to 100
- Count in 10s to 100 and back
- Count on and back in 10s from any 2 digit number
- Addition and subtraction facts within a 20



Planets Year 2

- Recognise odd and even numbers
- Count in 3s to 30
- Count in 4s to 40
- Know which number to add to reach the next multiple of 10
- Add and subtract multiples of 10
- Add and subtract multiples of 10 within 100
- Add multiples of 10 to make 100
- Find number pairs that total 100
- Recognise the inverse of addition and subtraction to solve missing number questions
- Add two digit numbers including bridging through ten
- Subtract two 2-digit numbers



Bronze Lower KS2

- Involves pupils learning division and multiplication facts (presented in a variety of ways) up to the 12 x tables.





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Basic Skills Logs Journey



Silver Lower/Upper **KS2**

- Apply the table facts learnt in the Bronze Logs to multiples of 10
- Square numbers up to 12 and finding the square root $\sqrt{144}$
- \times and \div 2 and 3 digit numbers by 10, and 100
- \times by 2, 4 and 8 using doubling
- Strategies to $+$ 3 numbers together
- Basic equivalent fraction, decimal and percentage facts



Gold Upper KS2



- Doubling and halving whole numbers up to 10,000
- Doubling decimal numbers with tenths and hundredths
- Halving decimal numbers with tenths
- Multiplying a 2 digit number by a 1 digit number using a range of strategies
- \times and \div any number by 10 and 100
- Using tables to find fractions of amounts
- Finding basic percentages of whole numbers up to 1000
- Know measure conversion facts



Platinum Upper KS2

- \div number by 4 and 8 using halving
- Using table facts to factorise numbers
- Building on the equivalent fractions, decimals and percentage facts in Silver log
- Solve calculations involving multiplication, division, fractions or percentages
- Using brackets involving addition, subtraction multiplication and division (BODMAS).
- Add and subtract fractions, including mixed numbers, with different denominators



Platinum Plus

- An online log run on Google Classroom designed to continue to challenge pupils by applying their basic maths skills to problem solving.

TIMES TABLES ROCK STARS

We'd like all children to be able to recall their multiplication facts (tables) up to 12 x 12 by the end of Year 4, and keep practising them after that. I am extremely pleased to be able to let you know that the school now has access to **Times Tables Rock Stars** for our children, which is an online resource to support them in learning these facts.

Times Tables Rock Stars is a resource which you can use at home with your children on any electronic device, by either typing play.ttrockstars.com into your browser's address bar or by downloading the free app to your tablet or phone from the following app stores.



Times Tables Rock Stars aims to help our children to improve their speed AND accuracy when recalling times table facts. It is a fun and challenging programme designed to help children master the times tables.

Message from TT Rock Stars:

World famous rock musicians are the best at what they do because they've spent hours practising guitar chords, writing music or playing on the drums. It's just the same with times tables!