

Key Instant Recall Facts

Year 6 Autumn 1

We believe that the rapid recall of key facts underpins the success and progress of all in maths. Children will be introduced to their key facts at the beginning of each half term and then practise them regularly in class. Children will also be expected to practise these key facts at home.

Your key fact this half term is

To know the multiplication and division facts for all of the times tables up to 12×12

Key Facts

All children should, by the end of year 4, know all multiplication facts up to 12×12 . This is an opportunity for year 6 children to rehearse and apply these essential facts.

They should be able to answer the questions in any order, including missing number questions. They should be able to apply these facts to multiplying multiples of 10, 100 and 1000 and decimal numbers

E.g. 700×60 0.3×9 0.4×0.6
 $7 \times \bigcirc = 28$ $\bigcirc \div 6 = 70$ $\bigcirc \div 0.6 = 7$

Key Vocabulary

What is 8 **multiplied by** 7?

What is 6 **squared**?

What is 108 **divided by** 12?

What is the **product of** 11 and 12?

What is 120 **multiplied by** 6?

What is 7 **times** 80?

MAKE IT FUN

Speed Challenge – Take two packs of playing cards and remove the kings. Turn over two cards and multiply the numbers together (Ace = 1, Jack = 11, Queen = 12). How many questions can you answer correctly in 2 minutes? Practise regularly and see if you can beat your highest score.

Search *YouTube* for songs to rehearse the different times tables

Play Fizz Buzz. Choose two tables e.g. 5 and 8 times. Take it in turns with someone else to count in ones starting from 1. If a number is in the 5 x table say, 'fizz' instead of the number and if it's in the 8 x table say, 'buzz.' If the number is in both tables, like 40, you should say, 'fizz buzz.'

MAKE IT LINK

[Tommy's Trek - Times Tables - Mathsframe](#) select all of the times tables

<https://www.timestables.co.uk/games/>

<https://ttrockstars.com/login> Don't forget to practise these key facts using Times Tables Rock Stars—daily for 5 minutes will really help your speed and accuracy

DEEPEN IT

<http://nrich.maths.org/1070> Mystery Matrix

<http://nrich.maths.org/1066> Investigate 'The Moons of Vuvv'

<http://nrich.maths.org/1119> One Wasn't Square' investigation

<http://nrich.maths.org/7218> Curious Number investigation

