

# Maths workshop – Times tables



# National Curriculum

By the end of Year 4, children need to rapidly recall all their times tables up to 12 x 12.

Rapid recall is an act of **instantly** remembering a piece of information without having to take the time to think.

# Government testing

In June 2020, there will be a mandatory test for children in Year 4.

This will be a computerised test of 24 questions, which will give the children 6 seconds to answer a question.

Thomas Coram will be taking part in a pilot trial this academic year.

# Why?

As well as being critical for everyday life, knowledge of multiplication tables helps children to solve problems quickly and flexibly, and allows them to tackle more complex mathematics later on in school.

It is the foundation of many aspects of maths and by having concrete knowledge of the times tables, children will be able to access questions with more ease.

# What are we doing?

We are taking it back to the basics. It is **crucial** that children **learn** before they can recall facts.

Children choose a time table they want to work on and make this out of multilink, whilst writing the times table as they go along.

# What are we doing?

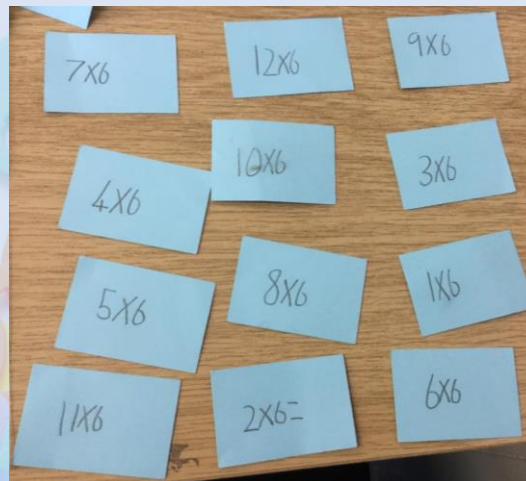
Once the children have physically made the times table with the multilink, they will test their partner. The multilink and list will be there to support them.

This will give the children time to practise their learning.

# What are we doing?

They then create their cards. On one side they write the calculation, on the other side they write the answer.

The multilink and list are still present to support the children, if needed.



# What are we doing?

The children put their cards in order and test themselves – reading the question, giving an answer and checking it by turning over the card.

Once confident, the children muddle their cards up and see if they can pick any card and recall the answer.

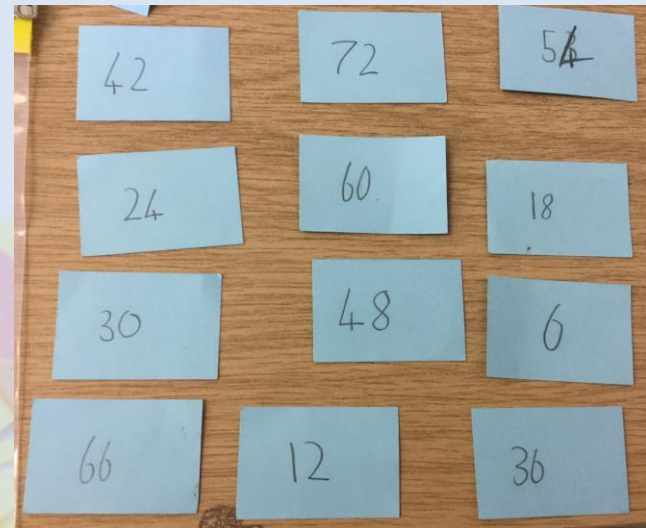
They then have a go with their partners.



# What are we doing?

When children begin to speed up with recalling their answers, they are introduced to a 6 second time limit in which they will need to respond.

**Challenge:** Once children are secure with the times tables, they will change their technique into having the answer facing up and the children having to work out the calculation.



# What are we doing?

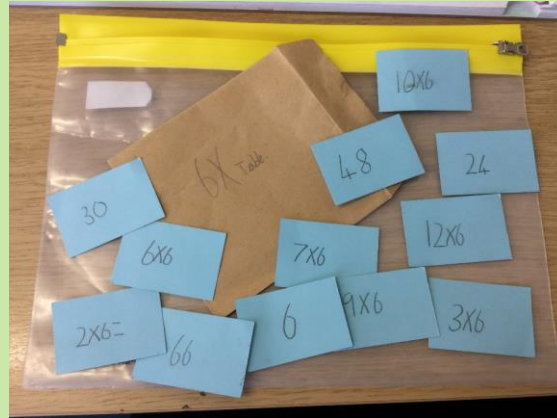
Every day during registration, children take their packs out and test themselves or their partner.

On a Friday, the children take these packs with them to their maths class and practise there.



## What can you do?

The children will be coming home with their times tables in a clear plastic wallet. Each times table will be in their own envelope.



Play the game with the children – make it fun!  
See if they can beat you.

Time them - give them 6 seconds to answer  
the question.

# Maths Frame

There is a mock version of the test online,  
Mathsframe.co.uk – multiplication tables check.

## **Multiplication Tables Check**

$$7 \times 4 = \boxed{28}$$



**Question 3 of 25**

MATHSFRAME.co.uk