Times Tables at Oakley CE Junior School

At Oakley CE Junior School, our aim is for children to become fluent in their multiplication and division facts. Being 'fluent' means that children are able to rapidly recall their times tables. If children can feel confident with their times tables, this helps them in all areas of mathematics.

What does the National Curriculum say?

The National Curriculum provides statutory guidance for schools which has guided us in developing our times tables system. The aim of the National Curriculum is for pupils to recall all their times tables by the end of year 4. This is broken down as follows:

Year 2 Expectations	Recall multiplication and division facts for the 2, 5 and 10 times table
Year 3 Expectations	Recall multiplication and division facts for the 3, 4 and 8 times table
Year 4 Expectations	Recall multiplication and division facts up to 12 x 12

What does times table progression look like at Oakley CE Junior School?

As a school, we have a clear plan when times tables are taught but we also want to ensure we embed learning and also allow for consolidation. We want to ensure learning is not lost and the recall of facts becomes more fluent over time.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3	Revision of 2, 5, 10 times tables	3 times table	4 times table	8 times table	11 times table	Revision
Year 4	6 times table	9 times table	7 times table	12 times table	Revision	Year 4 Multiplication Tables Check
Year 5	Revision				Revision and squares	Revision and cubes
Year 6	Revision and derived facts					

How do we teach times tables at Oakley CE Junior School?

As a school, we follow a 'Teaching for Mastery' approach across all our Mathematics. This approach has the aim that all children can achieve and feel successful in their Maths, and ultimately 'master' their understanding.

Times Tables lessons are taught multiple times a week across the school. These lessons follow a sequence of teaching points across the half term in year 3 and 4:

1.Learn:

1 x 3 = 3

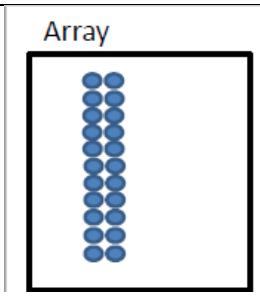
Showing 1 group of 3 is worth 3

4 x 3 = 12

Showing 4 groups of 3 is worth 12

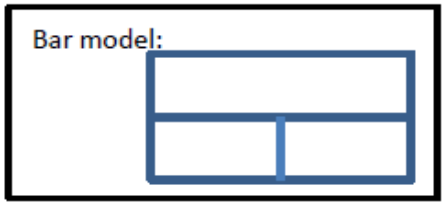
7 x 3 = 21

Showing 7 groups of 3 is worth 21



2 x 11 = 22

11 x 2 = 22



2 x 7 = 14

I also know I can write it as:

7 x 2 = 14

14 ÷ 7 = 2

14 ÷ 2 = 7

Two jumps of 16 is the same as saying

8 x 2 = 16

I also know I can write it as:

2 x 8 =16

16 ÷ 8 = 2

16 ÷ 2 = 8

Concrete and pictorial approaches

2. Rehearse:

"Zero, five, ten, fifteen…. "

"Zero times five is zero, one times five is five, two times five is ten… "

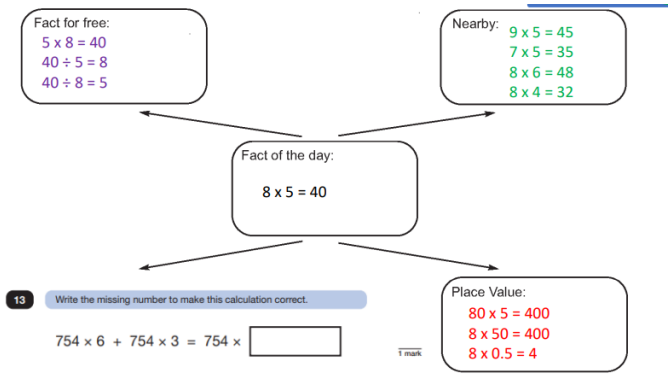
"Zero fives are zero, one five is five, two fives are ten… "

"Zero groups of five is equal to zero, one group of five is equal to five… "

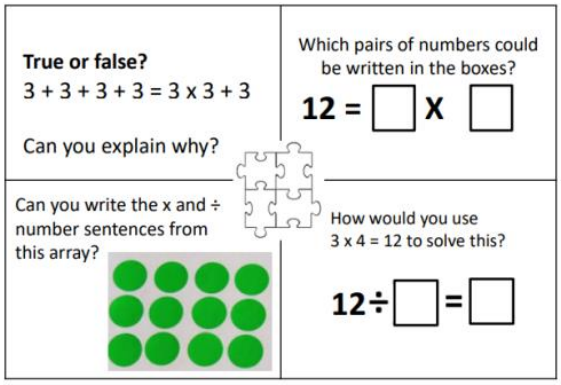
Oral rehearsal

3. Recall:

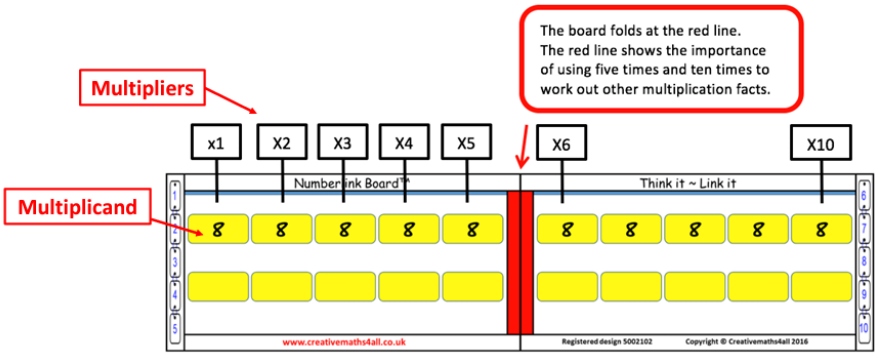
Derivation Board:



Connect4 Maths:



Number link boards:

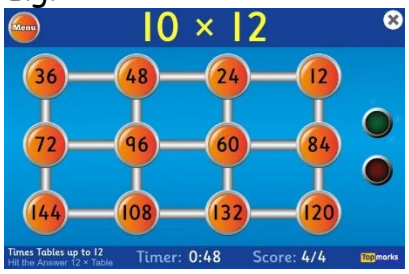


Developing number sense by deriving number facts from what we already know.

4. Play/apply/assess:

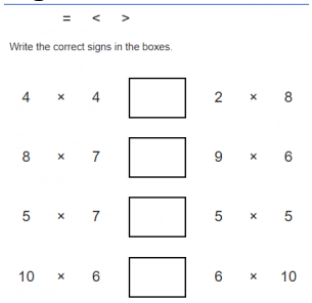
Games linked to times tables.

E.g. Hit the Button



Apply what the children know to questions.

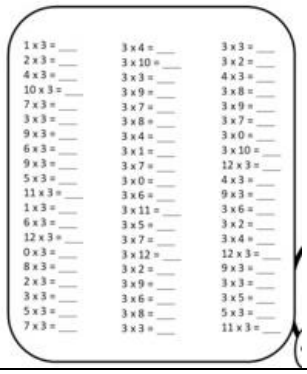
E.g.



Assessment opportunities:

-Precision teaching opportunities

-Times Table test



Playing games, applying knowledge and then assessment to access understanding and next steps.

As a school, we believe that the emphasis should be on high-quality teaching and learning of Times Tables rather than just focusing on testing times tables.

What is the Year 4 Multiplication Check?

In 2022, the Department for Education introduced a statutory Multiplication Check for Year 4 pupils which takes place in June of the Summer Term. The purpose of the check is to determine whether children can fluently recall their Times Tables up to 12 x 12. This test will also help our school to identify pupils who may need additional support within Year 5 and 6. The Multiplication Check will be in school time, and will consist of 25 mixed multiplication questions. Pupils will have 6 seconds to answer each question. If you have a pupil in Year 4, you will receive a copy of the children's results in their end of year report.

What is Times Tables Rock Stars (TT Rock stars)?

Times Table Rock Stars is an educational learning platform which is specifically designed to support children in learning and becoming more fluent in their Times Tables. There are many different games and modes within this platform for children to practice in different ways.

It is suitable for all learners, the question-based games automatically adapt to each child's unique learning needs, helping them to recall their times tables in record speed. Children will be able to access this learning platform both in school and at home.