



**Crawford Village**  
Primary School & Nursery

*Small enough to care...big enough to inspire*

## *Times Tables Policy*

## Times Tables Policy

Times Tables are at the heart of mental arithmetic, which in itself helps form the basis of a child's understanding and ability when working with number. Once a child has learned the times tables and related divisions by heart, they are able to work far more confidently and efficiently in all areas of maths. At Crawford Village Primary School, we believe that through a variety of interactive, visual, engaging and rote learning techniques, most children can achieve the full times tables knowledge required by the end of Year 4.

### Aims

1. To raise the profile of the teaching of times tables and to raise overall knowledge of times tables and related division facts across the school.
2. To explain the expected practices to ensure children learn their times tables.
3. To ensure continuity and progression in times tables.
4. To ensure there is successful teaching and learning of times tables and related divisions within our school.
5. To develop our knowledge of vocabulary associated with times tables: 'times, 'lots of' 'product', 'multiplied by'.

### Progression of times tables throughout the school

#### **Reception**

To be able to count in steps of 10

To be able to count in steps of 5

To be able to count in steps of 2

#### **Year 1**

To be able to recall the ten times table

To be able to recall the 5 times table

To be able to count in steps of 2

#### **Year 2**

To be able to recall the 10 times table and related division facts.

To be able to recall the 5 times tables and related division facts.

To be able to recall the 2 times tables and related division facts.

To be able to count in steps of 3.

#### **Year 3**

To be able to recall the 3 times tables and related division facts.

To be able to recall the 4 times tables and related division facts.

To be able to recall the 8 times tables and related division facts.

#### **Year 4**

To be able to recall the 6 times tables and related division facts.

To be able to recall the 7 times tables and related division facts.

To be able to recall the 9 times tables and related division facts.

To be able to recall the 11 times tables and related division facts.

To be able to recall the 12 times tables and related division facts.

#### **Year 5 & 6**

To be able to recall all of times tables facts and related divisions through regular consolidation.

### Teaching of times tables throughout the school

It is expected that times tables are visited on a daily basis throughout the school. A range of teaching and learning strategies need to be used to provide a suitable learning style for all children.

### **Counting Stick**

All year groups use the whole school approach of using the counting stick to support times tables and related division knowledge. This approach should be used consistently and regularly throughout the school.

The five strategies of doubling, halving, counting back, adding on and multiplying by 10 are used to build up the specific table. Cards are then removed at intervals to enable the children to recall the multiplication facts using the previous strategies.

### **Chanting**

Our whole school approach takes on board the 'Chanting' method for learning times tables facts. Children will be introduced to the relevant steps of counting through songs 'Have Fun Teaching' – Counting by.....

#### **Times Tables Rock Stars**

Children from Year 1 onwards will be involved in 'TT Rockstars' session in order to promote recall of times tables and related division facts.

KS1 & KS2 (Year 1 children from beginning of Spring Term) will complete a 3 minute times tables test 3 times a week (Monday, Tuesday and Wednesday) following a progressive plan of learning.

Children will also be encouraged to utilise the online platform to practise and develop their fluency of times tables.

### **Games/ Challenges**

As part of the mathematics curriculum, teachers will also give the children other opportunities to practise their times tables and related division facts through their daily maths lessons following the White Rose Maths Scheme of Learning.

### **Assessment**

To ensure that children are secure in the recall of the times tables and related division facts the children need to be assessed regularly.

In Reception, this assessment can be broadly teacher assessment through carpet recall sessions – ensuring that the children can recall facts in a random order.

From Y1 – Y3; The children have a baseline assessment at the beginning of the academic year for their specific times tables e.g. In Y2 (2, 5 & 10); Y3 (3, 4 & 8) etc. They are then assessed on those tables at the end of each half term to indicate progress. (*TTrockstar format 60 questions in 3 minutes to be used.*)

From Y4 – Y6; The children have a baseline assessment at the beginning of the academic year for all tables up to 12x 12. They are then assessed on those tables at the end of each half term to indicate progress. (*TTrockstar format 60 questions in 3 minutes to be used.*)

Teachers are to keep a log of the children's progress and communicate with subject leader and head teacher. This information is used during pupil progress meetings to identify children who may require extra support through interventions.

## Displays

Times tables should be on display in all classrooms, for children to use as support and reference. In Reception counting in steps of 10, 5 & 2 should be displayed. In Years 1 & 2 the 2,5,10 & 3 times tables need to be displayed. In Years 3 -6 the 3 – 12 times tables need to be displayed.

All children should have an individual target relating to the specific times tables they are currently working on. This target should be visible within the classroom.

## Homework

Children are encouraged to use the TT Rockstars online platform to practise their times tables and related division facts. Teachers set the relevant tables as appropriate to year group expectation and progress of individual pupils.

## Application of times tables in calculation

A child's growing understanding of times tables is only relevant if they are aware of their application in calculations and real life. In order to do this, children should be using recall of times tables and related divisions when needed in calculations. This awareness can be created in several ways:

- Highlighting when times tables are being used during modelling
- Discussion of how they are applied during problem solving
- Inclusion of real-life examples of times table application
- Practising times tables on a daily basis.

## The Times Tables Rockstar Award

Children in Year 1 -6 have the opportunity to win a weekly certificate for their performance in weekly battles set by teachers.

At the end of the year a certificate and prize is awarded to the child from KS1 & KS2 who has shown the most progress in their times tables throughout the year.

Policy written: May 2020

Next Review: May 2022