



Whitley Village School Multiplication Tables Policy

July 2022

Article 28 (right to education) Every child has the right to an education. Primary education must be free

Multiplication Tables Policy

At Whitley Village we use a whole school approach to teaching multiplication tables. 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 the children have learnt the times tables and related divisions by heart, they are able to work far more confidently, easing the cognitive load for pupils when tackling more difficult mathematical concepts. At Whitley Village, 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.

National Curriculum Times Tables Expectations

Year 1	<ul style="list-style-type: none">Count in multiples of 2, 5 and 10.Recall and use all doubles to 10 and corresponding halves.
Year 2	<ul style="list-style-type: none">Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
Year 3	<ul style="list-style-type: none">Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
Year 4	<ul style="list-style-type: none">Recall and use multiplication and division facts for multiplication tables up to 12x12.
Year 5	<ul style="list-style-type: none">Revision of all times tables and division facts up to 12x12.
Year 6	<ul style="list-style-type: none">Revision of all times tables and division facts up to 12x12.

We have two components which make up our approach to multiplication tables.

Component 1: Regular retrieval practice to develop fluency. 5-10 minutes, 3-5 times a week.

Component 2: 2-3 dedicate maths lessons every term to explore each times table.



We have set out our progression for each year group over the year.

Year	AUT 1	AUT 2	SPR 1	SPR 2	SUM 1	SUM 2
1	Experience of counting in 2s, 5s and 10s					
2	x1	(x1) x2	x5	(x5) x10	x0	revision
3	(x2) x4	(x4) x8	x3	(x3) x6	(x6) x12	revision
4	x9	x7	x11	squares	revision	Revision

We provide our year 4 children with three lunchtime clubs to access a variety of resources including games, online subscriptions, quick-fire questions from an adult, chanting tables, writing the tables out and using songs.

Vocabulary used is common throughout the school and in line with the multiplication check. E.g 6x7 is 6 lots of 7 and part of the 7 times table.

Home Learning

Times Table Rock Stars is a home learning tool to which all pupils from Year 1 to 6 have access. It is a carefully sequenced programme of daily times tables practice. TT RockStars is an educational learning platform which is specifically designed to support children in learning and becoming more fluent in their times tables. Teachers can access and set learning tasks for pupils and children are expected to be actively encouraged to access this platform from home. Teachers use TT Rock Stars to view data on how often the children are accessing it and how many questions can be answered within the 4 second time limit.

Awards

We feel it is important to raise the profile of learning multiplication tables and celebrate these achievements in our assemblies. We use Timestable Rock Stars as a way of assessing children on a termly basis. In years 1-4, certificates are awarded when children can answer each multiplication table within the 4 second time limit. In years 5 and 6, certificates are awarded for completing all multiplication tables from 1-12.

Further detail on how multiplication is explicitly taught can be found in our Calculation Policy.