

Believe ~ Learn ~ Grow



Parent Workshop
Times Tables and Number Bonds

Lydiard Millicent CE Primary School

Aims

- ▶ To share the reasons why we teach number bonds and times tables.
- ▶ To share year group expectations.
- ▶ To share information about the statutory Y4 times table check.
- ▶ To provide an opportunity to try some practical games and activities that can be used at home to support the learning of number bonds and times tables.

Believe ~ Learn ~ Grow



Why are number bonds and times tables so important?

- They are vital for developing fluency in mental and written arithmetic.
- Once known, children can apply to unknown bonds and tables.
- Times tables and number bond knowledge is important in order to understand many concepts in maths e.g. fractions, percentages, ratio, area and perimeter, scale factors and much, much more!



What are the National Curriculum Expectations for each Year Group?

Expectations for times tables for each year group:	
Year 1	Count in multiples of 2, 5 and 10. Recall and use all doubles to 10 and corresponding halves.
Year 2	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
Year 3	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
Year 4	Recall and use multiplication and division facts for multiplication tables up to 12x12.
Year 5	Revision of all times tables and division facts up to 12x12.
Year 6	Revision of all times tables and division facts up to 12x12.

Believe ~ Learn ~ Grow



By the end of Year 4, pupils are expected to know and rapidly recall the multiplication and corresponding division facts up to 12×12 .

Believe ~ Learn ~ Grow



How and when do we teach times tables?

Year	T1	T2	T3	T4	T5	T6
1	Bonds to 5	Bonds to 10	Bonds to 6	Bonds to 7	Bonds to 8	Bonds to 9
2	X2	X10	X5	Review x2, x5, x10	Review x2, x5, x10	Review x2, x5, x10
3	Review x2, x5, x10	X3	X4	X8	Review x2, 5, 10, 3, 4, 8	X6
4	Review x3, 6	X9	Review x4, 8, Teach x12	X7	X11	Review all
5 Choose 3 weakest times tables from baseline assessment	Review all					→
6 Choose 3 weakest times tables from baseline assessment	Review all					→

Believe ~ Learn ~ Grow



What is the Year 4 multiplication tables check?

The Multiplication Tables Check (MTC) was officially announced by the Department for Education (DfE) in September 2017. It will be administered for children in Year 4, starting in the 2019-20 academic year.

In June 2020 it will become compulsory for all English maintained schools, special schools and academies (including free schools).

Believe ~ Learn ~ Grow



What is the Year 4 multiplication tables check?

Children will be tested using an on-screen check (on a computer or a tablet), where they will have 6 seconds to answer each question in a series of 25.

The test will last no longer than 5 minutes and is similar to other tests already used by primary schools. Their answers will be marked instantly.

Questions will be in the format $n \times n = \underline{\quad}$.



Example Year 4 multiplication tables check.

<https://www.timestables.co.uk/multiplication-tables-check/>

Believe ~ Learn ~ Grow



How can you help at home?

- Play games.
- Sing songs and rhymes
- Encourage the use of TTR.

Believe ~ Learn ~ Grow



Questions



Believe ~ Learn ~ Grow

