Multiplication Progression at Widecombe-in-the-Moor

	T1	T2	T3	T4	T5	T6
YR **Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.**	**White Rose curriculum coverage.** **Focus**: Number sense and early counting **Key Concepts:** • Counting objects reliably • Recognising numerals and matching to quantities • Beginning to understand number composition (e.g. 3 is made of 1 and 2) **Foundation for Multiplication:** **Understanding how numbers are made - preparing children for grouping and combining later on.**		**White Rose curriculum coverage.** **Focus:** Number composition and early grouping **Key Concepts:** • Combining two groups (early addition) • Making pairs • Exploring patterns in numbers **Foundation for Multiplication:** **Pattern recognition - helping children spot regularities (e.g. odd/even).** **Doubling is introduced in simple contexts (e.g. double 2 is 4).**		**White Rose curriculum coverage.** **Focus:** Grouping, sharing, and pattern building **Key Concepts:** • Sharing and Grouping: Children explore equal groups and fair sharing. • Doubling and Halving: Reinforced through games and visual aids. • Find My Pattern: Children explore number patterns, including odd/even and doubles. **Foundation for Multiplication:** **Understanding of multiplication as repeated addition and division as sharing/grouping.**	
Y1 **One-step problems involving multiplication and division, using objects, pictorial representations and arrays, with adult support.**	**White Rose curriculum coverage.** **Counting in 2s, 5s & 10s.**	**White Rose curriculum coverage.** **Counting in 2s, 5s & 10s.**	**White Rose curriculum coverage.** **Counting in 2s, 5s, and 10s** **Reinforcement of equal groups through measurement contexts** **Continued use of concrete and pictorial representations** .		**White Rose curriculum coverage.** **Counting in 2s, 5s, and 10s** **Making equal groups (grouping and sharing)** **Doubling** **Using arrays to represent multiplication** **Sharing into equal groups for division** **Recognising and adding equal groups**	
Y2 **Recall and use multiplication and division facts for the 10, 5 and 2 multiplication tables.**	**Daily 10 x table focus** **MathsHub Booklet A:** 10 times tables. New facts 2x10 to 12x10 20% of facts expressed as division facts. **TTRS:** Garage mode **TAGS:** precision teach gaps	**Daily 10 x table focus** **MathsHub Booklet A:** 10 times tables. New facts 2x10 to 12x10 20% of facts expressed as division facts. **TTRS:** Garage mode **TAGS:** precision teach gaps	**Daily 5 x table focus** **MathsHub Booklet B:** 5 times tables. New facts 2x5 to 9x5 20% division facts. **TTRS:** Garage mode **TAGS:** precision teach gaps	Mixed focus 5 and 10s. **TTRS:** Garage mode **TAGS:** precision teach gaps	**Daily 2 x table focus** **MathsHub Booklet C:** 2 times tables. All facts 2x3, 4, 6, 7, 8, 9 20% division facts. **TTRS:** Garage mode **TAGS:** precision teach gaps	Mixed focus 2, 5 and 10s. **TTRS:** Garage mode **TAGS:** precision teach gaps
Y3 **Recall and use multiplication and division facts for the 4, 8, 3, 6, 9, 7 multiplication tables.**	**Daily 4 x table focus** **MathsHub Booklet D:** 4 times tables. New facts 4 x 3, 4,6, 7, 8, 9 20% of facts expressed as division facts. Mixed focus 5,10, 2 and 4. **TTRS:** Garage mode /Arena **TAGS:** precision teach gaps	**Daily 8 x table focus** **MathsHub Booklet E:** 8 times tables. New facts 8 x 3, 6, 7, 8, 9 20% of facts expressed as division facts. Mixed focus 5,10, 2, 4 and 8. **TTRS:** Garage mode /Arena **TAGS:** precision teach gaps	**Daily 3 and 6 x table focus** **MathsHub Booklet F & G:** 3 and 6 times tables. New facts 3 x3, 6, 7, 9 and 6 x 6, 7 20% of facts expressed as division facts. Mixed focus 5,10, 2, 4, 8, 3and 6. **TTRS:** Garage mode /Arena	**Daily 9 x 7 table focus** **MathsHub Booklet H & I :** 9 and 7 times tables. New facts 9x7, 9x9 and 7x7 20% of facts expressed as division facts. Mixed focus 5,10, 2, 4, 8, 3, 6, 9 and 7.	**Daily 11 table focus** **MathsHub Booklet J:** 11 times tables. New facts 11x2 to 11x12 20% of facts expressed as division facts. Mixed focus 5,10, 2, 4, 8, 3, 6, 9, 7 and 11 **TTRS:** Garage /Arena	**Daily 12 table focus** **MathsHub Booklet J:** 11 times tables. New facts 12x2 to 12x12 20% of facts expressed as division facts. Mixed focus 5,10, 2, 4, 8, 3, 6, 9, 7,11 and 12. **TTRS:** Garage /Arena

			TAGS: precision teach gaps	**TTRS:** Garage mode /Arena **TAGS:** precision teach gaps	**TAGS:** precision teach gaps	**TAGS:** precision teach gaps
Y4 **Recall multiplication and division facts for multiplication tables up to 12 × 12.**	Mixed focus **TTRS:** Garage 21minutes a week **TAGS:** precision teach gaps **October MTC mock test using TTRS**	Mixed focus **TTRS:** Garage 21minutes a week **TAGS:** precision teach gaps	Mixed focus **January / February** **TTRS:** Garage 18 minutes a week Sound check: 3 games per week **TAGS:** precision teach gaps **MTC mock test using TTRS**	Mixed focus **March** **TTRS:** Garage 16 minutes Sound check: 5 games **April** **TTRS:** Garage 16 minutes Sound check: 3 games Studio 3 games **TAGS:** precision teach gaps	Mixed focus **May** **TTRS:** Studio 15 games Sound check: 6 games **MTC mock test using TTRS**	**MTC June 1st – 12th 2026 (Term 6 Week 1&2)** Mixed focus Extension: past 12 x 12
Y5 & 6 ***(YEAR 4 - Recall multiplication and division facts for multiplication tables up to 12 × 12)***	**All tables up to 12 mixed** **Extension: past 12 x 12**					

Resources:

https://www.timestables.me.uk/printable-pdf-quiz-generator.htm

TTRS - Year 4 schedule MTC Prep Schedule 23-24

TTRS – teacher information Dashboard Tour (for English schools)

Maths Hub Work Booklets: Organisation and progression of times tables booklets

The booklets should be worked through in the following order, to match the order suggested in the National Curriculum Guidance (July 2020)

Booklet A: 10 times table	Booklet F: 3 times table
Booklet B: 5 times table	Booklet G: 6 times table
Booklet C: 2 times table	Booklet H: 9 times table
Booklet D: 4 times table	Booklet I: 7 times table
Booklet E: 8 times table	Booklet J: 11 times table
	Booklet K: 12 times table

Within each booklet there are 22 tests, ordered as follows:

Tests 1 – 4: First half of the new times table

Tests 5 – 8: Second half of the new times table

Tests 9 – 12: All the new times table

Tests 13 – 22: The new times table combined with previously learnt times tables.

There are two exceptions to this, the 10 times and 11 times table booklets. As these are quicker for children to learn, all the facts are introduced at once rather than split into 'first half' and 'second half' of the times table.

It is important that you work through the booklets in the order provided in the table above, otherwise the children will meet facts in tests 13 – 22 that they have not yet learnt.

The National Curriculum Guidance explains that the facts it is essential to master in Year 4 to be ready to progress to Year 5 are the facts up to 9 x 9, as these facts are the ones that occur as within column calculations in formal written methods. Therefore, Booklets B – I include facts with multipliers of 2 – 9 only.

Times tables facts with a factor of 11 and 12 are only introduced in the final 2 booklets, so that most of the time can be spent learning the most essential facts. However, you should aim to complete all the booklets so that secure in all times tables facts prior to the Year 4 check.

Facts with a multiplier of 0 and 1 are not included, as these do not need to be learnt in the same was as other facts.

The 10 times table is of course also essential for progression, and this is learnt in booklet A, and then included in tests 1 3 – 22 in each of the subsequent booklets.

About 20% of the facts are expressed as division facts, to give children practice deriving division facts from learnt multiplication facts.