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| Calculation Policy: Times Tables  |
| Key language: groups of, lots of, equal groups, double, times, multiplied by, the product of |

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|  | Concrete | Pictorial | Abstract |
| Teaching and LearningTimes Tables are taught each day usually in the teaching slot after 1 pm.The times table is introduced with a song linked to the relevant times table. The vocabulary and representations used are in line with the multiplication policy.Year 2 **End of Key Stage 1 2 s 5s and 10s** | Children will have been taught in multiplication lessons concept of counting in **groups** and using the vocabulary **lots of** and **multiples** | Use of hundred square Topmarks website <https://www.topmarks.co.uk/learning-to-count/paint-the-squares>Counting in multiples of 2s 5 s and 10sRecognising patterns of 2 5 10 s multiples Extend to teach 3s  | Quizzes on TTR Work on White Rose App99 club on Fridays |
| Year 3 In line with multiplication policyTeaching **3s** and through doubling technique from 2s into **4s and 8s**  | Children will have been taught in multiplication lessons concept of counting in **groups** and using the vocabulary **lots of** and **multiples** | * Visually recognising the multiples on counting stick method
* times table song with all times table facts
* deliberate practise of first 5 times table facts within that times table first day and second day up to 12 x ……..

**Multiples up on the Maths Working wall each week**  | Quizzes on TTR Work on White Rose App99 club on Fridays  |
| Year 4In line with multiplication policy**Building on 2 3 4 5 8 10s****New tables 6 7 9**  | Children will have been taught in multiplication lessons concept of counting in **groups** and using the vocabulary **lots of** and **multiples** | Teaching techniques from Year 3 above **Multiples up on the Maths Working wall each week**  | 99 club on FridaysTTR Morning tasksWhite Rose App Working towards Year 4 Times Table test  |
| Year 5 and 6In line with multiplication policyReview and recap all times tables  | Children will have been taught in multiplication lessons concept of counting in **groups** and using the vocabulary **lots of** and **multiples** | Multiplication grid each child at the beginning of the year to see what facts they need to develop fluency  | Recall for times tabe facts as part of ongoing maths lessons  |