



Times tables progression and termly planner

Capel St. Mary Church of England VC Primary School

Introduction

The National Curriculum expectation for Primary Schools across the UK is that, by the end of Year 4, pupils are capable of recalling all 12 times tables up to 12x2. With this in mind, this plan was created to provide a schema for how to ensure that all pupils are capable of this by Year 4. The resource also provides a list of online resources as well as teaching methods and techniques for each year group. Across Year 5 and 6 children should have the opportunity to consolidate this knowledge regularly.

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Year 1

Autumn 1 & 2	Count in 2's up to 24, linking with even numbers and supporting doubles. Count in multiples of 10 in order up to 120.
Spring 1 & 2	Focus on counting in multiples of 5 up to 60, linking with knowledge of counting in 10s. Continue to develop fluency of counting in 2's and 10's.
Summer 1	Count in multiples of 10, 2 and 5 in order with growing fluency.
Summer 2	Count in multiples of 10, 2 and 5 in order fluently.

A range of strategies can be used to achieve this including:

- Count pairs of objects
- Count straws bundled in tens
- Sing counting songs
- Hundred square
- Number lines
- Pictorial representations on display



Numberfit is the resource we have chosen to aid the learning and retention of Times Tables facts. In Year 1, children will focus on their 2, 5 and 10 times tables. All children should complete the beginner assessment when being introduced to each set of times tables. The activity section should be completed as regularly as possible (2 – 3 times a week) with the assessment being retaken each Friday. The initial assessment does not need to be repeated until the class move to the intermediate level. The class should not move to the next level until the majority of children can achieve full marks in the assessment in less than 3:30 minutes.

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Year 2

Autumn 1	Consolidate counting in steps of 2, 5 and 10 in order from 0 up to 12x.
Autumn 2	Count in steps of 2 and 5 from 0 up to 12x fluently. Recall multiples of 10 up to 12x10 in any order, including missing numbers and related division facts with growing fluency.
Spring 1	Recall multiples of 2 up to 12x2 in any order, including missing numbers and related division facts. Recall multiples of 10 up to 12x10 fluently.
Spring 2	Recall multiples of 5 up to 12x5 in any order, including missing numbers and related division facts. Recall multiples of 2 up to 12x2 in any order, including missing numbers and related division facts with growing fluency.
Summer 1	Count in multiples of 3 to 12x3 in order from 0. Recall multiples of 2 up to 12x2 in any order, including missing numbers and related division facts fluently. Recall multiples of 5 up to 12x5 in any order, including missing numbers and related division facts with growing fluency.
Summer 2	Count in multiples of 3 to 12x3 in order from 0 with growing fluency. Recall multiples of 5 up to 12x5 in any order, including missing numbers and related division facts fluently.

A range of strategies can be used to achieve this including:

- Counting objects in groups of 2, 5, 10 & 3
- Sing counting songs
- Hundred square
- Number lines
- Array with concrete resources
- Pictorial representations on display



Numberfit is the resource we have chosen to aid the learning and retention of Times Tables facts. In Year 2, children will focus on their 2,3, 5 and 10 times tables. All children should complete the beginner assessment when being introduced to each set of times tables. The activity section should be completed as regularly as possible (2 – 3 times a week) with the assessment being retaken each Friday. The initial assessment does not need to be repeated until the class move to the intermediate level. The class should not move to the next level until the majority of children can achieve full marks in the assessment in less than 3 and a half minutes.

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Year 3

Autumn 1	Count in multiples of 3 to 12x3 in order from 0 fluently.
Autumn 2	Recall multiples of 3 up to 12x3 in any order, including missing numbers and related division facts with growing fluency. Count in multiples of 4 to 12x4 in order from 0 with growing fluency. Introduce (relating to x4) and begin to count in multiples of 8 from 0 to 12x8.
Spring 1	Recall multiples of 3 up to 12x3 in any order, including missing numbers and related division facts fluently. Count in multiples of 4 to 12x4 in order from 0 with fluently. Count in multiples of 8 to 12x8 in order from 0 with growing fluency.
Spring 2	Recall multiples of 4 up to 12x4 in any order, including missing numbers and related division facts with growing fluency. Count in multiples of 8 to 12x8 in order from 0 fluently.
Summer 1	Recall multiples of 4 up to 12x4 in any order, including missing numbers and related division facts fluently. Recall multiples of 8 up to 12x8 in any order, including missing numbers and related division facts with growing fluency.
Summer 2	Recall multiples of 8 up to 12x8 in any order, including missing numbers and related division facts fluently.

A range of strategies can be used to achieve this including:

- Counting objects in groups of 2, 5, 10, 3, 4 and 8
- Hundred square
- Number lines
- Array with concrete resources
- Pictorial representations on display



Numberfit is the resource we have chosen to aid the learning and retention of Times Tables facts. In Year 2, children will focus on their 2, 5, 10, 3, 4 and 8 times tables. All children should complete the beginner assessment when being introduced to each set of times tables. The activity section should be completed as regularly as possible (2 – 3 times a week) with the assessment being retaken each Friday. The initial assessment does not need to be repeated until the class move to the intermediate level. The class should not move to the next level until the majority of children can achieve full marks in the assessment in less than 3 and a half minutes.

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Year 4

Autumn 1	Recall multiples of 3,4 and 8 up to 12x in any order, including missing numbers and related division facts fluently. Fluently count in 6's in order up to 12x6, using multiples of 3 to support.
Autumn 2	Recall multiples of 6 in any order, including missing numbers and related division facts with growing fluency. Fluently count in 7's in order up to 12x7.
Spring 1	Recall multiples of 6 in any order, including missing numbers and related division facts fluently. Recall multiples of 7 in any order, including missing numbers and related division facts with growing fluency.
Spring 2	Recall multiples of 7 in any order, including missing numbers and related division facts fluently. Fluently count in 9's in order up to 12x9. Fluently count in 11's in order up to 12x11.
Summer 1	Recall multiples of 9 in any order, including missing numbers and related division facts with growing fluency (using 10x and adjusting by 1 group to find 9x as a strategy) Recall multiples of 11 in any order, including missing numbers and related division facts fluently. Fluently count in 12's in order up to 12x12.
Summer 2	Recall multiples of 9 in any order, including missing numbers and related division facts fluently. Recall multiples of 12 in any order, including missing numbers and related division facts with growing fluency (using 10x and adjusting by adding 2 more groups).

A range of strategies can be used to achieve this including:

- Hundred square
- Number lines
- Pictorial representations on display



Numberfit is the resource we have chosen to aid the learning and retention of Times Tables facts. In Year 2, children will focus on their 6,7,9,11,12 times tables as well as recapping prior learning in years 1 - 3. All children should complete the beginner assessment when being introduced to each set of times tables. The activity section should be completed as regularly as possible (2 – 3 times a week) with the assessment being retaken each Friday. The initial assessment does not need to be repeated until the class move to the intermediate level. The class should not move to the next level until the majority of children can achieve full marks in the assessment in less than 3 and a half minutes.

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Year 5 and 6

In Year 5 and 6, children should be encouraged to consolidate their prior learning. Numberfit should be used to support this as in other year groups (minimum of 2 times a week) but an additional Ultimate Challenge will be in place to aid the retention of facts at speed.