## Year 4

## Termly Plans Academic Year 2023-2024




## Introduction

This termly plan has two main sections: Maths lessons and Maths on Track meetings.
The Maths lessons have been carefully designed to support you to plan for successful learning of the year's maths based on the National Curriculum. The maths curriculum has been broken down into manageable steps

Manageable to teach and manageable to learn.
The 'Extra Problem Solving' lessons provide flexibility within the timing of the plan for you to make decisions to adopt and adapt the CanDo termly plans to fit your own school calendar. They are an ideal opportunity for children to apply their understanding to new situations or check prerequisite knowledge before starting new learning. The Colin and Coco Challenges within each unit can be used to resource these sessions.
End of Term Assessment: Remember It at the end of each term is a session to check the learning that has taken place during the term using the CanDoMaths Remember It. There are QLA Spreadsheets provided to diagnostically analyse results and inform planning for the next term.

Retrieval practice - the process of recalling previously learnt material from our long-term memory - benefits pupils' learning (EEF). The Maths on Track meetings are an essential element in the CanDoMaths curriculum plan and the blue section provides suggestions for these 'Use It or Lose It' retrieval sessions each day:- .

- Monday and Tuesday have an arithmetic focus based on the Magic 24 from the CanDoMaths ArithmeKit.
- Wednesday and Thursday are to deliberately practise past and present learning to secure sustainable progress.

CanDoMaths Deliberate Practice, Retrieve It and KeePuppI workouts provide resources for these sessions.

- Friday is time to really hit a number fact hard. CanDoBonds, CanDoTables and CanDo21 are resources that would support these sessions. Of course Friday is not the only time for number facts so the fact column suggests prioiritising number bonds/tables throughout the week.

The CanDoMaths curriculum has 24 Key Performance Indicators in each year group. The KPI column identifies when the learning is linked to the KPI.
The DFE RTP column links the CanDoMaths KPIs to the DfE Ready to Progress criteria.


Read Roman numerals to 100
Classify 2D shapes
Use a line of symmetry to produce a symmetrical pattern

Due to the length of Term 1 being shorter for the academic year 2023/24, these manageable steps have been removed from the termly plan for maths lessons. They can be addressed in Maths on Track Meetings.

## Year 4 Term 2



| Term 3．W／c | － | 号苍 |  | Maths Lessons：Intelligent Practice Lesson by Lesson Plan <br> Resources for planning included in Gold and All Access Pass | ｜l | Maths on Track：Deliberate Practice <br> Resources for Monday，Tuesday and Friday included in All Access Pass and Use It or Lose It |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 02／01／2024 |  | 岇 | Multiplication and Division：Multiplication Tables |  | $\begin{array}{\|l\|} \hline \frac{n}{b} \\ \frac{0}{b} \\ \frac{b}{0} \\ \frac{0}{x} \\ \\ \hline \end{array}$ |  |
|  |  |  |  | Extra Problem Solving |  | 4.3 Round numbers to the nearest 10,100 or 1000 |
|  |  |  |  | Build the 11x table and count in steps of 11 from zero |  | Deliberate Practice：Past and Present |
|  |  |  |  | Recall and use multiplication facts for the 11 times table |  | Deliberate Practice：Past and Present／KPI Workout |
|  |  |  |  | Recall and use division facts for the 11 times table |  | CanDotables 7x3 |
| 08／01／2024 |  |  | Multiplication and Division：Multiplication Tables | Build the $12 \times$ table and count in steps of 12 from zero | $\begin{array}{\|l} \hline \frac{n}{n} \\ \frac{b}{a} \\ \frac{0}{0} \\ \frac{0}{x} \\ \\ \hline \end{array}$ | 4．13 Recall and use facts for the 6 x table |
|  |  |  |  | Recall and use multiplication facts for the 12 times table |  | 4.3 Round numbers to the nearest 10,100 or 1000 |
|  |  |  |  | Recall and use division facts for the 12 times table |  | Deliberate Practice：Past and Present |
|  |  |  |  | Use knowledge of factor pairs（commutativity）when multiplying mentally three numbers together，such as $2 \times 6 \times 5=10 \times 6=60$ |  | Deliberate Practice：Past and Present／Retrievelt |
|  |  |  |  | Extra Problem Solving |  | CanDoTables 7x4 |
| 15／01／2024 | M |  | Addition and Subtraction： Written Methods Addition | Add two 4－digit numbers，no regrouping | 菏 | 4．13 Recall and use facts for the 6 x table |
|  | T |  |  | Use column addition for two 4－digit numbers when regrouping is required in the ones column |  | 4.3 Round numbers to the nearest 10,100 or 1000 |
|  | W |  |  | Use column addition for two 4－digit numbers when regrouping is required in the tens column |  | Deliberate Practice：Past and Present |
|  | T |  |  | Use column addition for two 4－digit numbers when regrouping is required in the hundreds column |  | Deliberate Practice：Past and Present／KPI Workout |
|  | F |  |  | Use column addition for two 4－digit numbers when regrouping is required in multiple columns |  | CanDoTables 7x6 |
| 22／01／2024 | M |  |  | Use column addition for two 3－digit numbers where the sum exceeds 1000 |  | 4.13 Recall and use facts for the 6x table |
|  | T |  |  | Use column addition for 4－digit and 3－digit numbers when regrouping is required in multiple columns | － | 4.1 Order numbers beyond 1000 |
|  | W |  |  | Use column addition for 4－digit and 2－digit numbers when regrouping is required in multiple columns | $\stackrel{0}{0}$ | Deliberate Practice：Past and Present |
|  | T |  |  | Extra Problem Solving | $\frac{\square}{\square}$ | Deliberate Practice：Past and Present／Retrievelt |
|  | F $三$ |  |  | Extra Problem Solving |  | CanDoTables 7x7 |
| 29／01／2024 | M |  |  | Subtract a 4－digit number from a 4 －digit number，no exchanging | 首 | 4．17 Recall and use facts for the 7x table |
|  | T |  | Subtraction | Use column subtraction for 4－digit numbers when exchanging is required in the tens column |  | 4.1 Order numbers beyond 1000 |
|  | W |  | Written Methods | Use column subtraction for 4 －digit numbers when exchanging is required in the hundreds column |  | Deliberate Practice：Past and Present |
|  | T |  |  | Use column subtraction for 4－digit numbers when exchanging is required in the thousands column |  | Deliberate Practice：Past and Present／KPI Workout |
|  | F |  |  | Use column subtraction for 4 －digit numbers when exchanging is required in multiple columns |  | CanDoTables 7x8 |
| 05／02／2024 | M |  | Addition and Subtraction： Written Methods Subtraction | Use column subtraction for 4 －digit and 3 －digit numbers when exchanging is required in multiple columns | 号 | 4．17 Recall and use facts for the 7x table |
|  | T |  |  | Use column subtraction for 4－digit and 2－digit numbers when exchanging is required in multiple columns |  | 4.1 Order numbers beyond 1000 |
|  | W |  |  | Extra Problem Solving |  | Deliberate Practice：Past and Present |
|  | T |  |  | Extra Problem Solving |  | Deliberate Practice：Past and Present／Retrievelt |
|  | F |  |  | End of Term Assessment：Remember It 3 |  | CanDotables 7x9 |
|  |  |  |  | Half Term |  |  |

## Year 4 Term 4

| Term 4. w/c | 흔 | 号 | Maths Lessons: Intelligent Practice Lesson by Lesson Plan <br> Resources for planning included in Gold and All Access Pass |  | U <br> 0 <br> U <br> U <br> U <br> U | Maths on Track: Deliberate Practice <br> Resources for Monday, Tuesday and Friday included in All Access Pass and Use It or Lose It |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 19/02/2024 |  | $\begin{aligned} & n \\ & \sum_{n}^{n} \\ & \sum_{n}^{n} \\ & i \\ & i \\ & \vdots \end{aligned}$ | Multiplication and Division | Extra Problem Solving |  | 4.8 Choose appropriate methods to add |
|  |  |  |  | Multiply 1-digit numbers by muliples of 10 using place value (6, 7, 9) |  | 4.18 Double and halve numbers |
|  |  |  |  | Use the distributive law to multiply a two-digit number by a one-digit number ( $6,7,9$ ) |  | Deliberate Practice: Past and Present |
|  |  |  |  | Multiply 2-digit number by a 1 -digit number using a formal written method (6, 7, 9) |  | Deliberate Practice: Past and Present/KPI Workout |
|  |  |  |  | Multiply 1 and 2-digit numbers by 100 |  | CanDoTables $9 \times 6$ |
| 26/02/2024 |  |  | Multiplication and Division | Multiply 3-digit number by a 1 digit number using a formal written method (regroup ones) |  | 4.8 Choose appropriate methods to add |
|  |  |  |  | Multiply 3-digit number by a 1 digit number using a formal written method (regroup tens) |  | 4.18 Double and halve numbers |
|  |  |  |  | Multiply 3-digit number by a 1 digit number using a formal written method (regroup hundreds) |  | Deliberate Practice: Past and Present |
|  |  |  |  | Multiply 3-digit number by a 1 digit number using a formal written method (multiple regroup) |  | Deliberate Practice: Past and Present/Retrievelt |
|  |  |  |  | Divide multiples of ten by 10 |  | CanDoTables $9 \times 7$ |
| 04/03/2024 | $\frac{\sim}{\square}$ | $\sum_{n}^{0}$ | Multiplication and Division | Divide multiples of a hundred by 100 | (en | Ready to Progress Paper 3 |
|  |  |  |  | Use known facts and place value when dividing mentally e.g. $120 \div 6,1200 \div 6,1320 \div 12$ |  | 4.18 Double and halve numbers |
|  |  |  |  | Divide near multiples by $6,7,9,11$ and 12 with remainders |  | Deliberate Practice: Past and Present |
|  |  |  |  | Divide 3 -digit number by a single digit number using parritioning and place value |  | Deliberate Practice: Past and Present/KPI Workout |
|  |  |  |  | Use written method to divide a 3 -digit number by a single digit number (hundreds = multiple of divisor, tens > divisor) with no remainder |  | CanDoTables $9 \times 8$ |
| 11/03/2024 |  |  | Multiplication and Division | Use written method to divide a 3 -digit number by a single digit number (hundreds > divisor, one exchange) with no remainder |  | 4.12 Choose appropriate methods to subtract |
|  |  |  |  | Use written method to divide a 3-digit number by a single digit number (hundreds > divisor, two exchanges) with no remainder |  | 4.24. Divide 3 digit numbers by 1 digit numbers |
|  |  |  |  | Use written method to divide a 3-digit number by a single digit number (hundreds < divisor) with no remainder |  | Deliberate Practice: Past and Present |
|  |  |  |  | Extra Problem Solving |  | Deliberate Practice: Past and Present/Retrievelt |
|  |  |  |  | Extra Problem Solving |  | CanDoTables $9 \times 9$ |
| 18/03/2024 |  |  | Geometry: Properties of Shapes (Angles) | Extra Problem Solving | (er | 4.12 Choose appropriate methods to subtract |
|  |  |  |  | Identify acute angles |  | 4.24. Divide 3 digit numbers by 1 digit numbers |
|  |  |  |  | Identify obtuse angles |  | Deliberate Practice: Past and Present |
|  |  |  |  | Identify acute angles in shapes |  | Deliberate Practice: Past and Present/KPI Workout |
|  |  |  |  | Identify obtuse angles in shapes |  | CanDoTables $12 \times 12$ |
| 25/03/2024 | M |  | Geometry: Properties of Shapes (Angles) | Compare angles up to two right angles in size | (en | 4.12 Choose appropriate methods to subtract |
|  | T |  |  | Order angles up to two right angles in size |  | 4.24. Divide 3 digit numbers by 1 digit numbers |
|  | W |  |  | Extra Problem Solving |  | Deliberate Practice: Past and Present |
|  | T |  |  | End of Term Assessment: Remember It 4 |  | Deliberate Practice: Past and Present/Retrievelt |
|  | F |  |  |  |  |  |
| Easter Break |  |  |  |  |  |  |


maths

## Year 4 Term 6



