## Year 2

## Termly Plans Academic Year 2023-2024



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Maths on Track
    Meetings
        Weekly
        Suggestions
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Deliberate Practice
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## 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.

| Term 1 W/c |  | 匂 | - | Maths Lessons: Intelligent Practice Lesson by Lesson Plan <br> Resources for planning included in Gold and All Access Pass |  | U | Maths on Track: Deliberate Practice <br> Resources for Monday, Tuesday and Friday included in All Access Pass and Use It or Lose It |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 01/09/2023 | F | $\frac{\overline{2}}{\overline{\text { a }}}$ | $\cdots$ |  | TDD |  |  |
| 04/09/2023 | M |  |  | Number and Place Value | Represent 2-digit numbers | - | Ready to Progress Paper 1 |
|  | T |  |  |  | Recognise the value of digits in 2 -digit numbers |  | Ready to Progress Paper 2 |
|  | W |  |  |  | Parition 2-digit numbers in different ways |  | Deliberate Practice: Past and Present |
|  | T |  |  |  | Read 2-digit numbers in words and write using numerals |  | Deliberate Practice: Past and Present/KPI Workout |
|  | F |  |  |  | Read 2-digit numbers in numerals and write in words |  | CanDoBonds 6 +/- |
| 11/09/2023 | M |  |  | Number and Place Value | Identify 2 -digit numbers on a number line | - | 1.9 Know 1 more than numbers |
|  | T |  |  |  | Represent 2-digit numbers on a number line |  | 1.17 Know 1 less than numbers |
|  | W |  |  |  | Estimate numbers on a number line |  | Deliberate Practice: Past and Present |
|  | T |  |  |  | Compare any two 2-digit numbers using < > and = |  | Deliberate Practice: Past and Present/Retrievelt |
|  | F |  |  |  | Order 2-digit numbers with different tens from smallest to greatest |  | CanDoBonds 7 + |
| 18/09/2023 | M |  |  | Geometry: Properties of shapes | Order 2-digit numbers with the same tens from smallest to greatest | N | 1.16 Add 10 to a number |
|  | T |  |  |  | Order 2-digit numbers |  | 1.24 Subtract 10 from a number |
|  | W |  |  |  | Find 10 more than a given number |  | Deliberate Practice: Past and Present |
|  | T |  |  |  | Find 10 less than a given number |  | Deliberate Practice: Past and Present/KPI Workout |
|  | F |  |  |  | Identify and describe the properties of pentagons |  | CanDoBonds 7 +/- |
| 25/09/2023 | M | - | $\frac{\circ}{2} \left\lvert\,\right.$ | Geometry: Properties of shapes | Identify and describe the properties of hexagons | ¢ | 1.16 Add 10 to a number |
|  | T |  |  |  | Identify and describe the properties of octagons |  | 1.24 Subtract 10 from a number |
|  | W |  |  |  | Identify symmetry properties of 2-D shapes using verical lines |  | Deliberate Practice: Past and Present |
|  | T |  |  |  | Identify and describe the properties of 3-D shapes including the number of vertices |  | Deliberate Practice: Past and Present/Retrievelt |
|  | F |  |  |  | Identify and describe the properties of 3-D shapes including the number of edges |  | CanDoBonds 8 + |
| 02/10/2023 | M | - |  | Addition and Subtraction: Addition | Identify and describe the properties of 3-D shapes including the number of faces | ¢ | 1.15 Use number facts to calculate others |
|  | T |  |  |  | Show that addition is commutative |  | 1.23 Subtract a single digit number from a teens number |
|  | W |  |  |  | Extra Problem Solving |  | Ready to Progress Paper |
|  | T |  |  |  | Use addition facts of 10 to derive facts of 100 |  | Deliberate Practice: Past and Present/KPI Workout |
|  | F |  |  |  | Add ones to 2-digit numbers using number facts where the tens don't change |  | CanDoBonds 8 +/- |
| 09/10/2023 | M |  |  | Addition and Subtraction: Addition | Add ones to 2-digit numbers using bridging | ¢ | 1.15 Use number facts to calculate others |
|  | T |  |  |  | Add ones to 2-digit numbers by rounding to ten then compensating |  | 1.23 Subtract a single digit number from a teens number |
|  | W |  |  |  | Add multiples of ten to 2 -digit numbers using number facts |  | Deliberate Practice: Past and Present |
|  | T |  |  |  | Add two 2-digit numbers by counting on in tens then 1s |  | Deliberate Practice: Past and Present/Retrievelt |
|  | F |  |  |  | Add two 2-digit numbers using partitioning and recombining (No regrouping) |  | CanDoBonds 9 + |
| 16/10/2023 | M |  |  | Addition and Subtraction: Addition | Add two 2-digit numbers using parritioning and recombining | 号 | 1.8 Order numbers and position them on a number line |
|  | T |  |  |  | Add two 2-digit numbers by rounding to the nearest ten then compensating |  | 1.8 Order numbers and position them on a number line |
|  | W |  |  |  | Add three single digit numbers |  | Deliberate Practice: Past and Present |
|  | T |  |  |  | Extra Problem Solving |  | Deliberate Practice: Past and Present/KPI Workout |
|  | F |  |  |  | End of Term Assessment: Remember It 1 |  | CanDoBonds 9 +/- |
|  |  |  |  |  | Half Term |  |  |


| Recall and use addition facts of two single digits bridging 10 |
| :--- |
| Recall and use addition facts of single digit doubles |
| Add two 2-digit numbers choosing an efficient strategy |

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.

| Term 2．W／c | c $\overline{\frac{\bar{y}}{\underline{1}}}$ | 号 | Maths Lessons：Intelligent Practice Lesson by Lesson Plan <br> Resources for planning included in Gold and All Access Pass |  |
| :---: | :---: | :---: | :---: | :---: |
| 30／10／2023 | M |  | Addition and Subtraction：Subtraction | Extra Problem Solving |
|  | T |  |  | Understand why subtraction is not commutative |
|  | W |  |  | Recall subtraction facts of two single digits within 10 |
|  | T |  |  | Recall subtraction facts of 2 －digit numbers（ 20 or less）subtract a single digit not bridging 10 |
|  | F |  |  | Recall subtraction facts of 2－digit numbers（20 or less）subtract a single digit bridging 10 |
| 06／11／2023 | M | c |  | Use subtraction facts of 10 to subtract multiples of ten from 100 |
|  | T a | \％ |  | Subtract ones from 2－digit numbers using number facts where the tens don＇t change |
|  | W ${ }^{\circ}$ | ¢ |  | Subtract ones from 2－digit numbers using bridging |
|  | T ${ }^{\text {T }}$ | N |  | Subtract ones from 2－digit numbers by rounding to ten then compensating |
|  | F | 岩 |  | Subtract multiples of ten from 2－digit numbers using number facts |
| 13／11／2023 | M | － | Addition and <br> Subtraction：Subtraction | Subtract two 2－digit numbers by counting back in tens then 1 s |
|  | T |  |  | Subtract two 2－digit numbers by rounding to the nearest ten then compensating |
|  | W |  |  | Subtract by finding the difference between two numbers－counting on |
|  | T |  |  | Derive addition and subtraction facts using inverse operations |
|  | F |  |  | Extra Problem Solving |
| 20／11／2023 | M |  | Geometry：Properties of Shapes | Identify and describe the properties of cylinders |
|  | T |  |  | Identify and describe the properties of cones |
|  | W |  |  | Identify and describe 2－D shapes on the surface of 3－D shapes |
|  | T |  |  | Compare and sort 3－D shapes and explain how they are similar or different |
|  | F |  |  | Compare and sort 2－D shapes and explain how they are similar or different |
| 27／11／2023 | M | $\underset{\sim}{\square}$ | Multiplication and Division | Count in steps of 3 from zero |
|  | T |  |  | Show and use the connection between multiplication and repeated addition |
|  | W |  |  | Create multiplication statements to describe and solve equal grouping problems |
|  | $\mathrm{T} \simeq$ |  |  | Use arrays to solve muliplication problems |
|  | $\mathrm{F}=$ |  |  | Show and use the commutativity of multiplication |
| 04／12／2023 |  | $\left\|\begin{array}{c} N \\ \vdots \\ \vdots \\ \underset{N}{\dot{N}} \end{array}\right\|$ |  | Create division statements to describe and solve grouping problems |
|  |  |  |  | Create division statements to describe sharing and solve problems |
|  |  |  | Division | Show that division is not commutative |
|  |  |  |  | Extra Problem Solving |
|  |  |  |  | Use mathematical language to describe position |
| 11／12／2023 | $\frac{-m}{\frac{m}{2}}$ |  | Geometry：Position and direction | Use mathematical language to describe direction of a turn，including meaning of clockwise and anti－clockwise |
|  |  |  |  | Understand and use the language of right angles to describe the size of turn |
|  |  |  |  | Interpret and devise instructions for following a simple route |
|  |  |  |  | Order combinations of mathematical objects in patterns and sequences |
|  |  |  |  | End of Term Assessment：Remember it 2 |


| 釆 | Maths on Track：Deliberate Practice <br> Resources for Monday，Tuesday and Friday included in All Access Pass and Use It or Lose It |
| :---: | :---: |
|  | 2．5 Add multiples of 10 to a 2 －digit nunber |
|  | 2．3 Partition a 2 －digit number in different ways |
|  | Deliberate Practice：Past and Present |
|  | Deliberate Practice：Past and Present／KPI Workout |
|  | CanDoBonds 10 ＋ |
| $\left\|\begin{array}{l} 0 \\ \vdots \\ \vdots \\ \vdots \\ \vdots \\ \vdots \\ \vdots \end{array}\right\|$ | 2．5 Add multiples of 10 to a 2 －digit nunber |
|  | 2.3 Partition a 2 －digit number in different ways |
|  | Deliberate Practice：Past and Present |
|  | Deliberate Practice：Past and Present／Retrievelt |
|  | CanDoBonds 10 ＋／－ |
| \|o | 2．5 Add multiples of 10 to a 2 －digit nunber |
|  | 2．3 Partition a 2 －digit number in different ways |
|  | Deliberate Practice：Past and Present |
|  | Deliberate Practice：Past and Present／KPI Workout |
|  | CanDoBonds 10 ＋／－ |
| $\left\lvert\, \begin{aligned} & \text { a } \\ & \vdots \\ & 0 \\ & 0 \\ & 0 \\ & \vdots \\ & \vdots \\ & \hline \end{aligned}\right.$ | 2．6 Add a single digit number to a 2 －digit number using known facts |
|  | 2.12 Subtract single digit number from a 2－digit number using known facts |
|  | Deliberate Practice：Past and Present |
|  | Deliberate Practice：Past and Present／Retrievelt |
|  | CanDoBonds 20 ＋ |
|  | 2．6 Add a single digit number to a 2 －digit number using known facts |
|  | 2．12 Subtract single digit number from a 2－digit number using known facts |
|  | Deliberate Practice：Past and Present |
|  | Deliberate Practice：Past and Present／KPI Workout |
|  | CanDoBonds 20 ＋／－ |
| － | 2．6 Add a single digit number to a 2 －digit number using known facts |
|  | 2．12 Subtract single digit number from a 2－digit number using known facts |
|  | Deliberate Practice：Past and Present |
|  | Deliberate Practice：Past and Present／Retrievelt |
|  | CanDoBonds 15 ＋ |
|  | 2．11 Subtract multiples of 10 from a 2 －digit number |
|  | 2．11 Subtract multiples of 10 from a 2 －digit number |
|  | Deliberate Practice：Past and Present |
|  | Deliberate Practice：Past and Present／KPI Workout |
|  | CanDoBonds 15 ＋／－ |



## Year 2 Term 4



| Term 5. W/c | 흔 | (\% | Maths Lessons: Intelligent Practice Lesson by Lesson Plan <br> Resources for planning included in Gold and All Access Pass |  | \|ris | Maths on Track: Deliberate Practice Resources for Monday, Tuesday and Friday included in All Access Pass and Use It or Lose It |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15/04/2024 |  | - | Statistics | Interpret a table |  | 2.10 Use known facts to 10 to derive other facts |
|  |  |  |  | Constuct a tally chart |  | 2.21 Solve multiplication problems |
|  |  |  |  | - ${ }^{\text {nterreret a pictogram where the symbol represents a single item }}$ |  | Deliberate Practice: Past and Present |
|  |  |  |  | Constuct a pictogram where the symbol represents a single item |  | Deliberate Practice: Past and Present/KPI Workout |
|  |  |  |  | Interpret a pictogram where the symbol represents 2 items |  | CanDo Tables $5 \times 5$ |
| 22/04/2024 |  |  | Statistics | Construct a pictogram where the symbol represents 2 items |  | 2.10 Use known facts to 10 to derive other facts |
|  |  |  |  | \|nterret a pictogram where the symbol represents 5 or 10 items |  | 2.21 Solve multipication problems |
|  |  |  |  | Construct a pictogram where the symbol represents 5 or 10 items |  | Deliberate Practice: Past and Present |
|  |  |  |  | Interret a block diagram |  | Deliberate Practic: Past and Present/Retrievelt |
|  |  |  |  | Construct a block diagram |  | CanDo Tables $6 \times 5$ |
| 29/04/2024 |  |  | Measurement: Capacity and Temperature | Exta Problem Solving |  | 2.13 Find the difference between two numbers |
|  |  |  |  | Exta Problem Solving |  | 2.21 Solve multipication problems |
|  |  |  |  | Measure capacity using lites |  | Deliberate Practic: Past and Present |
|  |  |  |  | Measure capacily using mililites |  | Deliberate Practice: Past and Present/KP Workout |
|  | $\frac{\wedge}{\overline{2}}$ |  |  | Estimate capacity using lites |  | CanDo Tables $7 \times 5$ |
| 06/05/2024 |  |  | Measurement: Capacity and Temperature | Bank Holiday Estimate capacity using mililites | \|l |  |
|  |  |  | Estimate capacity using mililites | 2.23 Use sharing to solve division problems |  |
|  |  |  | Compare capacity, > and < | Deliberate Practice:Past and Present |  |
|  |  |  | Measure temperature | CanDo Tables $8 \times 5$ |  |
| 13/05/2024 |  |  | Measurement: Capacity and Temperature | Extra Problem Solving |  | 2.13 Find the difference between two numbers |
|  |  |  | Extra Problem Solving | 2.23 Use sharing to solve division problems |  |
|  |  |  | Exta Problem Solving | Deliberate Practice: Past and Present |  |
|  |  |  | Exta Problem Solving | Deliberate Practice: Past and Present/KPI Workout |  |
|  |  |  | End of Term Assessment: Remember tis | CanDo Tables $9 \times 5$ |  |
| 20/05/2024 |  | See Term 6 |  |  | $\begin{aligned} & \frac{\infty}{\circ} \\ & \frac{0}{2} \\ & \frac{a}{2} \end{aligned}$ |  |
|  |  |  |  |  | For the academic year 2023 -2024 see week 1 of Term 6 for learning focus |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Half term |  |  |  |  |  |  |



