SPRING 1 Medium Term Plan 2024 Year Group Y2



|  | Little penguin Lost Tracey Corderoy | Bringing down the Moon- Jonathan Emmett <br> The odd Fish - James Jones <br> The Snail and The Whale - Julia Donaldson |  |  |  |
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| Maths | Unit 5: Money <br> Lesson 1 <br> To learn the value of coins and find totals of amounts. <br> Lesson 2 <br> To learn the value of notes and find total amounts of notes. <br> Lesson 3 <br> To count different amounts of money and record their answers in pounds and pence. <br> Lesson 4 <br> To select the right combination of coins and notes for a given amount and find how much is left over. | Lesson 5 <br> To use different combinations of coins and notes to make the same amount of money. <br> Lesson 6 <br> To compare amounts of money using the correct vocabulary and the signs <, > and $=$. <br> Lesson 7 <br> To find the total cost by adding pounds and pence (not crossing the 100 boundary) <br> Lesson 8 <br> To use different coins to make a value of $£ 1$. | Lesson 9 <br> To calculate the difference between eh cost and the amount paid to work out the change. <br> Lesson 10 <br> To solve two-step word problems about money. <br> Unit 6: <br> Multiplication and Division <br> Lesson 1 <br> To write sentences to describe repeated equal groups. <br> Lesson 2 <br> To describe and draw equal groups. | Lesson 3 <br> To work out a total by counting equal groups through repeated addition <br> Lesson 4 <br> To write repeated addition and multiplication sentences to match a picture. <br> Lesson 5 <br> To write calculations as multiplication number sentences to represent different equal grouping situations. <br> Lesson 6 <br> To identify arrays to a multiplication sentence. | Lesson 7 <br> To use repeated subtraction to model division calculations. <br> Lesson 8 <br> To learn another strategy for dividing by sharing a number equally into groups. <br> Lesson 9-10 <br> Power Maths <br> Assessments: <br> Money and <br> multiplication |


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| Calculation | Mastering Number Week 10 | Mastering Number Week 11 | Mastering number <br> Week 12 <br> Lesson 1 | Mastering number <br> Week 13 <br> Lesson 1 | Mastering number <br> Week 14 <br> Lesson 1 |
|  | Lesson 1 identify that the numbers 11-15 are composed of '10 and a bit' | Lesson 1 recap that the numbers 11-15 are composed of '10 and a bit' | Lo: recap doubles to double 5 <br> Identify the structure of double 6 as a combination of | Lo: show bonds of 10 on their fingers Identify missing parts of 10 . | Lo: recap that when the order of a pair of addends is changed, the sum remains the same |
|  | make 11-15 using both rows of the rekenrek | locate the numbers 11-15 on the number line | double 5 and double 1. | Lesson 2 | Identify that known number bonds can be used to reason |
|  | rekenrek | complete equations and inequalities | Lesson 2 | Lo: subitise arrangements shown as ' 10 and a bit' | about other addition |
|  | Lesson 2 identify the numbers 16-19 from their composition as ' 10 | and inequalities, choosing the correct symbol: < > or =. Lesson 2 | Lo: explore and describe different arrangements that show doubles | Identify missing parts of 20 . | calculations. <br> Lesson 2 |
|  | and a bit' <br> make 11-19 using both rows of the rekenrek. | halfway between 0 and 10 <br> identify the relative positions of 10 and 15 | Identify the structure of the double for 6-9 as a combination of double ' 5 and a bit' | Lesson 3 <br> Lo: subitise numbers in a ' 5 and a bit' arrangement | Lo: recap that known bonds can be used to derive other facts Identify that known |
|  | Lesson 3 identify and make the numbers 11-19 | use knowledge of midpoints to place numbers on a number line. | Lesson 3 <br> Recall doubles facts and the related facts for halves within 10 | Identify missing parts of 20. <br> Lesson 4 | number bonds can be used to reason about other subtraction calculations. |
|  | describe the composition of the numbers 11-19 as | Lesson 3 <br> recap that 5 and 10 are the midpoints of | Recap that doubles are made of even numbers | Lo: recap and use bonds of 10 to | Lesson 3 |


|  | being made of ' 10 and $\qquad$ complete missing number equations. <br> Lesson 4 <br> make the numbers 11-19 on the rekenrek complete missing number equations. | $0-10$ and 0-20 respectively identify that 15 is halfway between 10 and 20 <br> use reasoning to find the lengths of given objects. <br> Lesson 4 <br> visualise the number line <br> use reasoning about midpoints to identify the position of other numbers on an empty number line. | Recap the structure of the double for 6-9 as a combination of double ' 5 and a bit'. <br> Lesson 4 <br> Lo: subitise <br> Doubles to double 9 <br> Practise reasoning about the structure of the double for 6-9 as a combination of double ' 5 and a bit'. | subtract a 1-digit number from 10 <br> Subtract from 20. | Lo: recap number bonds for $6,7,8$ and 9 where 5 is a part <br> Use these number bonds to reason about related calculations. <br> Lesson 4 <br> Lo: reason about related equations <br> Use number bonds for 6 and 7 to find missing parts within 20. |
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| Science <br> Uses of Everyday Materials and Movement Y2 <br> Sc2/3.1a identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for different uses | Pre-unit assessment / concept map <br> L.O - To show current knowledge and understanding of materials and their properties <br> Identifying materials Sc2/3.1a <br> LO: - To identify different everyday materials | Compare uses of materials for different purposes <br> Sc2/3.1a <br> L.O - Compare the suitability of a variety of everyday materials <br> Outcome <br> Children can make scientific suggestions as to why some materials are suitable/ unsuitable. | Compare uses of materials for different purposes <br> Sc2/3.1a <br> L.O - To investigate waterproof materials <br> Outcome <br> What is the most suitable material for the boy's coat? | Exploring changes in materials <br> Sc2/3.1c <br> L.O - Investigating how the shapes of solid objects can be changed <br> Outcome <br> Children will be able to suggest at least 4 ways that the objects can be changed | Compare how things move on different surfaces. <br> Sc2/3.1b <br> LO: <br> Investigating how an object moves on different surfaces <br> Outcome Children will perform a scientific experiment to find |


| Sc2/3.1b compare how things move on different surfaces. Sc2/3.1c find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching | Outcome <br> Children will be able to explain at least 3 different materials and what they can be used for <br> L.O - To compare the suitability of materials for different uses <br> Wood, Metal, Plastic, Glass, Brick, Rock, Paper |  | Planning <br> Variables <br> Carry out investigation <br> Results <br> Conclusions/ <br> Advice |  | out which everyday materials are the best. |
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| Art \&design |  |  |  |  |  |
| Computing <br> 2.2 How do I create a multimedia story? <br> Communicating: Multimedia | Lo: To tell stories using images and sounds using a computer | Lo: to tell stories using images and sounds using a computer <br> To use storyboardthat.com <br> Outcome Children will choose a relevant background for their story. | Lo: to tell stories using images and sounds using a computer <br> To use storyboardthat.com <br> Outcome Children will create their characters | Lo: to tell stories using images and sounds using a computer <br> To use storyboardthat.com <br> Outcome Children will begin to record their story | Lo: to tell stories using images and sounds using a computer <br> To use storyboardthat.com <br> Outcome Children will finish recording their story |
| Design \& technology | Rubber band Propelled Boat | DT2/1.1b <br> Design: Own product | DT2/1.2a <br> Make: Materials | DT2/1.2a DT2/1.4a | DT2/1.3a <br> Evaluate: explore and evaluate a |


|  | (Links to Science Everyday Materials) <br> DT2/1.1a <br> Design: Research and Development <br> Design purposeful, functional, appealing products for themselves and other users based on design criteria | generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology | select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics <br> DT2/1.2a <br> Make: Tools select from and use a range of tools and equipment to perform practical tasks | Make: skills/ Techniques <br> build structures, exploring how they can be made stronger, stiffer and more stable | range of existing products <br> DT2/1.3b <br> Evaluate: Their product <br> evaluate their ideas and products against design criteria |
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| Geography |  |  |  |  |  |
| History |  |  |  |  |  |
| MFL |  |  |  |  |  |
| PE <br> Indoor PE Gymnastics <br> PE1/1.1a <br> To master as well as develop balance, agility and co- | PE1/1.1a Gymnastics <br> To develop balance, agility and coordination when balancing on different parts of the body | PE1/1.1a Gymnastics <br> To develop balance, agility and coordination by performing balances with a partner. | PE1/1.1a Gymnastics <br> To develop balance, agility and coordination when rolling. | PE1/1.1a Gymnastics <br> To develop balance, agility and coordination when jumping. | PE1/1.1a Gymnastics <br> To develop balance, agility and co-ordination by combining movements to create a sequence. |



|  | LO: To learn about what you might see and experience at a mosque <br> Outcome: <br> To learn about why it is an important place to many people |  |  |  |  |
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| RSHE | P1) How do I help my body stay healthy? <br> Activity <br> Children draw an outline of themselves on a piece of paper Throughout the lesson, they should add labels and pictures to the outline, to show the things that will help their bodies to stay healthy | P2) Why do we need sleep? <br> Activity <br> Watch the video for a second $\square$ me <br> Children write down/draw on mini-whiteboards | P2) How do I decide what to eat? <br> Activity <br> Show each video, children fill out the worksheet as they go along, with boxes and questions to help structure the information. <br> Additional Storybots video on diet. | P2) How do I decide what to eat? <br> Activity <br> Show each video, children fill out the worksheet as they go along, with boxes and questions to help structure the information. <br> Additional Storybots video on diet. | P3) How do we stop getting ill? <br> Activity Create poster to show one way of avoiding illness <br> -Washing hands <br> -Catching sneezes <br> -Brushing teeth <br> - Sugar in foods |
| Music <br> National curriculum outcomes for KS1 use their voices expressively and creatively by singing songs and speaking chants and rhymes | Listening to a steady beat <br> -Identifying and responding to changes in pitch Performing changes in pitch <br> Warm up with actions and marking the beat | Listening to a steady beat <br> -Identifying and responding to changes in pitch Performing changes in pitch <br> Warm up with actions and marking the beat | Understanding and performing upwards and downwards pitch direction - Reading pitch line notation <br> Nosy Dog | Understanding and performing upwards and downwards pitch direction <br> -Reading pitch line notation <br> Nosy Dog | Playing pitch lines on tuned percussion <br> Combining pitch change with changes in other elements/dimensio ns |


| play tuned and untuned instruments musically <br> listen with concentration and understanding to a range of high-quality live and recorded music | to A Lion sleeps Tonight Match sounds to animal images and recreate those sounds Improvise movement and pitch to animal images | to A Lion sleeps Tonight Match sounds to animal images and recreate those sounds Improvise movement and pitch to animal images <br> Y2MW | Identify animals then sing song <br> As the Crow Flies Follow pitch with hands then match with voices <br> Create own pitch lines and vocalise <br> Y2HR | Identify animals then sing song <br> As the Crow Flies Follow pitch with hands then match with voices <br> Create own pitch lines and vocalise <br> Y2MW | Nosy Dog pictures <br> Use voice and tuned percussion to represent images <br> Nosy dog pitch lines Create pitch lines on printed sheets and vocalise with a small group <br> Nosy dog performance Perform created pitch lines incorporating the song Y2HR |
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|  |  | Y2MW |  | Y2MW |  |



