

Year group: 2
Area/topic: Mathematics- multiplication and division

Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication ( $x$ ), division ( $\div$ ) and equals ( $=$ ) signs Show that multiplication of two numbers can be done in any oxder (commutative) and division of one number by another cannot
Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers

| Prior learning | Future learning |
| :--- | :--- |
| During maths meetings children will have had the | This multiplication and division knowledge shall |
| opportunity to practise counting in multiples of 2, | be applied to solve further complex problems and |
| 5,10 and most recently 3. | within the fractions block |
| Whilst in year one children completed a block on |  |
| multiplication and division where they worked |  |
| practically to solve problems with the support of |  |
| their teacher |  |

## What pupils need to know or do to be secure

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| :---: | :--- |
| Key knowledge and skills | Possible evidence |
| Recognise equal groups | Identify from a selection of pictures |
| Make equal groups | Successfully arrange counters |
| Add equal groups | Write a number sentence that matches a picture and solve |
| Introduce the multiplication symbol | it |
| Multiplication sentences | Write a number sentence to the corresponding picture |



| Children may not make the link between repeated addition and |  |
| :--- | :--- |
| multiplication |  |
| Children may make mistakes when drawing arxays. For example, |  |
| children may leave a hole in their array, and so not represent |  |
| the multiplication correctly |  |
| Children may think that as multiplication is commutative, |  |
| division must be too |  |
| Children may not make the connection between doubling and |  |
| halving and the 2 times-table | Opportunities for communication |
| Memorable first hand experiences | Completing sentence stems provided |
| Opportunities to explore with manipulatives and resources | Reasoning their ideas and thinking |

DCINS Reasonable adjustments for pupils with SEND

## Communication and Interaction

Use a range of visual aids
Give clear instructions one at a time
Repetition
Provide simple instructions
Pre teach vocabulary
Use working wall where modelling is displayed
Give children thinking time
Model task

## Social, Emotional and Mental health

Allow access to a quiet and calm space
Give child a special role to increase self esteem Provide a visual support- what to do if you are stuck
Provide a movement break Seat pupil by more confident peer

Now and next board
Sand timers
Movement breaks
Break down tasks into small steps

## Cognition and Learning

Check understanding regularly
Allow rest breaks
Give thinking time
Colour code signs that could be confusing Work checklists
Break down tasks into small steps
Give opportunities for over-learning

## Sensory and Physical

Consider carpet space position
Reduce background noise
Provide a range of manipulatives- dienes may be
too small
Appropriate seating
Wobble boards
Writing slope Enlarge text
Variety of writing tools available

