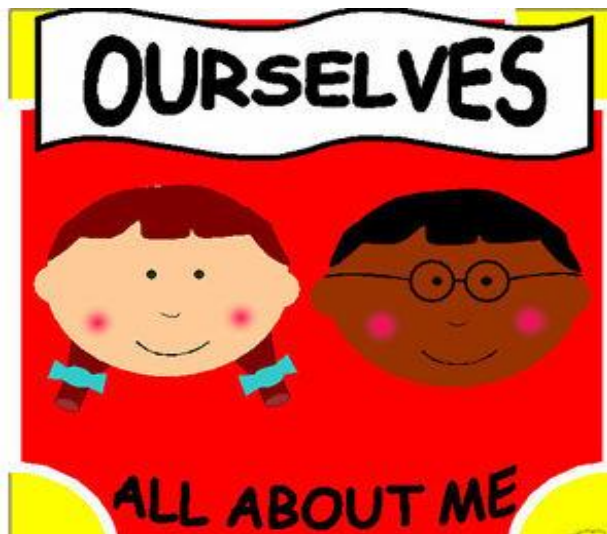


Topic - Ourselves / Toys



Maths Learning across autumn term  
(White Rose scheme)

- Number: Place Value (within 10) - 4 weeks
- Number: Addition & subtraction (within 10) 4 weeks
- Geometry: Shape – 1 week
- Number: Place value (within 20) – 2 weeks
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Consolidation week

Number

- ❖ Sorting activities e.g. How many ways can you sort the children in class into groups using one criterion
- ❖ 10 toys in a toy box – how many ways can they be sorted?
- ❖ Play e.g. Kim's game with 10 toys on a tray. Close eyes and remove some. How many toys now? How many were removed? How many more needed to make..?
- ❖ Nrich activities e.g. eggs in baskets. <https://nrich.maths.org/eggsinbaskets> Change context to toys in boxes.
- ❖ Order e.g. toys by height or weight and use language of first, second ...
- ❖ Create simple timeline for toys (old and new toys) e.g. toys we played with at different ages, toys our parents and grandparents played with
- ❖ A toy is 32cm high. How many more centimetres would make this 40cm? 50cm or  $\frac{1}{2}$  m?

Measurement

- ❖ Measure length/height of toys using non-standard and standard measures to compare
- ❖ Order a selection of the children's toys from longest to shortest and vice versa.
- ❖ Order a selection of the children's toys from heaviest to lightest - focus on developing the children's vocabulary e.g. that toy is lighter than that toy etc.

Data collection

- ❖ e.g. create tally charts/ block graphs/pictograms e.g. favourite smells, tastes, sounds
- ❖ Which toys do you like best (survey)?
- ❖ Measure e.g. temperature across a week or two, everyday to see how warm or cold it feels and record on a table.  
Make use of data loggers (science)
- ❖ Challenge children to e.g. plot temperature on simple graphs and interpret and make sense of findings

Investigations

- ❖ Is the tallest/largest toy also the heaviest?
- ❖ Can you follow simple instructions by listening using your sense of hearing e.g. barrier games (drawing or making something with lego) – importance of positional language

