



Halfway Nursery Infant School – Mathematics Medium Term Planning



Teacher: Miss Booth and Miss Hughes	Class: Foundation 2	Term: Autumn 2 2016	Computation/Number Focus: Number ordering and recognition. Knowing that when we count, the last number we say is the total.	SSM Focus: 2D shapes. Weight
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Rationale: Last half term the children were introduced to number recognition and accurate counting. Further opportunities are needed in order for the children to be secure with recognition of numbers to 20. We will also focus on writing numbers to 20 and ordering numbers to 20. Further support will also be provided for children needing help with number formation and accurate counting 1-1 (Purple and Blue groups). As we focussed on number last half term we will also introduce elements of shape, space and measure for Autumn 2. Activities will be linked to Bonfire night and 'The Three Little Pigs' in order to provide engaging contexts for learning.

Learning Objectives (from Skills Progression):

Computation/Number

- Recites numbers in order to 10.
 - Knows that numbers identify how many objects are in a set.
 - Beginning to represent numbers using fingers, marks on paper or pictures.
 - Sometimes matches numeral and quantity correctly
 - Shows an interest in representing numbers.

 - Recognises numerals 1 to 5.
 - Counts up to three or four objects by saying one number name for each item.
 - Counts actions or objects which cannot be moved.
 - Counts objects to 10, and beginning to count beyond 10.
 - Selects the correct numeral to represent 1 to 5, then 1 to 10 objects.
 - Counts an irregular arrangement of up to ten objects
- Estimates how many objects they can see and checks by counting them.
Orders objects by weight

SSM

30-50 months

- Shows interest in shape by sustained construction activity or by talking about shapes or arrangements.
- Shows interest in shapes in the environment.

40-60 months

Uses familiar objects and common shapes to create and recreate patterns and build models.

Outcomes:

Numbers:

- I can count to ten.
- I can count carefully using my finger.
- I use my fingers to help me count.
- I can draw what I have counted.
- I can write numbers.
- I know the value of a number.
- I know what numerals look like.
- I can place numbers in order.

SSM:

- I use shapes to make a picture
- I know some shape names
- I can see shapes around me
- I can match shapes
- I can describe shapes
- I can order objects by weight

Key Vocab:

- Number
- Count
- How many?
- More/less
- Next
- Bigger
- Number names (0-20)
- Order
- Right
- 2D shape names
- Same/different
- Big/small (Language of comparison)
- Pointy, straight, flat (adjectives)

Resources:

- Counters
- Mathematical songs
- Number lines
- Objects to count with practically
- Book of the week to link with cross curricular activities
- Cubes/ counters/beads/gems/compare bears
- Outdoor and indoor natural materials
- 2D shapes

Evaluation and Next Steps: