

Mathematics Medium Term Plan

Foundation Stage Spring Term

**Concept Sequence:**

**Number:**

6,7,8 – apply counting principles counting to 6, then 7, then 8. Represent 6, 7, 8 in different ways and count required number of objects from a larger group. Arrange 6, 7 or 8 items into small groups will support children to conceptually subitise and see how the numbers are made of smaller numbers (For 8, I can see 4 and 4). Order and compare. One more/on less.

Making pairs – matching to find and make pairs. Provide collections of items that come in pairs. Arrange small quantities into pairs and notice that some will have an odd one left. Play snap and memory games.

Combine two groups – find out how many altogether. Use many contexts and real objects. Subitise where possible, but also need to count in ones.

**Measure, Shape and Spatial Thinking:**

Length and Height – use language to describe length and height. When making direct comparisons be more specific than just bigger. Make indirect comparisons using objects to measure items.

Time – Order and sequence important times in the day. Use language to describe when events happen. Begin to recognise that regular events happen on the same day each week, use today/yesterday/tomorrow. Think of significant events and talk about events looking forward to. Learn through experience and stories that some processes take a long time, eg. growing vegetables.

**Vocabulary**

Zero, One, Two, Three, Four, Five, six, seven, eight  
More, less, fewer  
Tall, short, longer/shorter, taller, shorter, wider, narrower, wide/narrow.  
Now, before, later, soon, after, then, next, early, late  
Yesterday, today, tomorrow, birthday, holiday, morning, afternoon, evening, night, bedtime, dinnertime, playtime

**Planning Links**

White Rose: <https://wrm-13b48.kxcdn.com/wp-content/uploads/2020/11/Reception-Scheme-Phase-5-Spring-2021.pdf>  
NCETM: <https://www.ncetm.org.uk/resources/51439>  
BBC Number Blocks: <https://www.bbc.co.uk/cbeebies/shows/numberblocks>  
Early Math Collaborative: <https://earlymath.erikson.edu/>  
NRICH <https://nrich.maths.org/early-years>  
Learning Trajectories (L2) <https://www.learningtrajectories.org/>  
HWB Wales <https://hwb.gov.wales/repository/discovery?sort=recent&catalogs=1d058d90-af42-4ce4-bbf2-ba794a95aa55&strict=1>

**Focus: Unit 5: Growing 6, 7, 8**  
**Time: 4 Weeks**

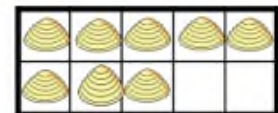
Six Dinner Sid – Inga Moore
Kipper's Toybox – Mick Inkpen
Sidney the Silly Only Eats Six – M W Penn
Anno's Counting Book – Mitsumasa Anno
What the Ladybird Heard – Julia Donaldson
Simon's Sock – Sue Hendra
Pairs! In the Garden – Smriti Prasadam-Halls
The Giraffe who got a Knot – John Bush
Titch – Pat Hutchins
Tall – Jez Alborough
Jack and the Beanstalk – Traditional
Jim and the Beanstalk – Raymond Briggs
Mr Wolf's Week – Colin Hawkins
Jasper's Beanstalk – Nick Butterworth

**Resources**

Real-life objects, counters, loose parts, cubes, ten frame, basket, small world objects, ribbon, lace, string, timers. White Rose Maths Interactive Whiteboards.

Dice and Board games.

10 fat sausages,  
1, 2 buckle my shoe  
Noah's Ark



Quack and Count – Keith Baker  
The Elephant and the Bad Baby – Elfrida Vipont  
Don't forget the bacon – Pat Hutchins  
[www.webgamesonline.com/memory](http://www.webgamesonline.com/memory)  
The Bad tempered ladybird – Eric Carle  
5 minutes peace – Jill Murphy  
Days of the week song



**Enhancements to Learning:**

Maths Area – make collections of 6, 7, 8 objects. Sort. Arrange loose parts (shell, buttons...) into tens frames. Play pair games. Create own pair games with blank cards. Board Games/Dice. Partition numbers using pegs on a hanger/bean string. Make dough snakes of different lengths. Use ribbon/lace/string cut different lengths.  
Outdoors – Mini-beast hunt, magnifying pots. Collect items in pairs. Number of Star jumps with a timer. Circuit activities in 1 minute. Plants seeds.  
Role Play – Kipper's toy box.  
Small World – Match pairs of animals for Noah's Ark. Make bridges. Dominoes and numbered garages to park dominoes.  
Modelling – insect models (add legs).  
Construction – build towers/roads.