

## Maths in EYFS

Tell me about maths in EYFS ...

### 1) Concepts and skills

#### - What does the taught curriculum look like?

Maths taught daily; whole class fluency and small group.

- daily counting – to 20 with a deep understanding of number to 10
- Understanding/ recognising number up to 10 (more/less) – written, spoken and representation.
- daily number songs / rhymes
- adults modelling, thinking aloud
- children taught correct mathematical language and encouraged to use it – supported through stem sentences.
- teaching how to use wide variety of manipulatives
- introducing key concepts in a range of contexts – repetition, revisiting / overlearning
- developing recall of number facts, subitising
- Number bonds to 5 including subtraction facts.
- Shape 2D and 3D – learning, exploring properties – name
- Problem solving – discussion – ‘What if?’ – ‘How do you know?’/ concrete resources/ experimentation.
- Pattern – repeating, recognising, continuing and creating.

#### - What does the environmental curriculum look like?

- Child initiated learning (inside and outside)
  - Continuous provision/ plan, do, review – exploration and application of taught content and concepts.
  - Same content presented in different contexts/ representations/ resources.
  - Use of touch screen for maths games.
  - Wide variety of maths games. Teach how to play then accessed independently.
  - Wide range of resources/ manipulatives to engage and excite.

**2) Attitudes and dispositions\_ - How are the characteristics of effective learning developed through your subject?**

- Teaching self – help strategies e.g. Number tracks to aid number recognition/ formation, using fingers/ resources to keep track.

Problem solving – through discussion and explanation e.g. ‘Are you sure?’, ‘How do you know?’.

Finding new ways/ possibilities e.g. ‘Is that the only way?’

Motivation through themed topics to hook and excite children about their learning.

Playing and learning through resources provided for continuous provision.

Using their Learning Powers/ Pit and apply resilience.

**3) Vocabulary - What specific vocabulary is taught in preparation for the National Curriculum?**

More than, less than, same as, equal, not equal, add, take away, plus, minus, number bond, count, forwards, backwards, next, before, after, all together, pattern, repeat, continue, longer, shorter, bigger smaller, heavier, lighter, faces, point, vertices, edges, sides, flat, curved, straight, 2D, 3D, shape name, order, part-part whole, tens frame, numicon, number track, number line, number sentence, double, share equally, odd and even.