

A Warm Hello from Our EYFS & KS1 Maths Lead, Mrs Reynolds.

I am excited to share with you the learning that will be taking place for your child.

SPRING TERM MATHEMATICS RECEPTION

Alive in 5

This term we will be learning to find 0 to 5, subitise 5, represent 0-5, find one more and 1 less, and the composition of numbers within 5.

Mass and Capacity

This term we will be learning to compare mass, find a balance, explore capacity and compare capacity.

Growing 6,7,8

This term we will be learning to find 6, 7 and 8, represent 6,7 and 8, find one more and one less, the composition of 6,7 and 8, make pairs-odd and even, find and make doubles to 8 and combine two groups of numbers.

Length, Height and Time

This term we will be learning to explore length, compare length, explore height, compare height, talk about time and order and sequence time.

Building 9 and 10

This term we will be learning to find 9 and 10, represent 9 and 10, subitise 9 and 10, find one more and one less, the composition to 10, make arrangements of 10, recognise number bonds to 10, find and make doubles to 0, and explore even and odd.

Explore 3D shapes

This term we will be learning to recognise and name 3D shapes, find 2D shapes within 3D shapes, use 3D shapes, find 3D shapes in the environment, identify more complex patterns, copy and continue patterns and find patterns in the environment.

At St. Ursula's, we believe that the best approach to support children with their learning in Maths is the CPA Approach.

C or concrete involves using physical objects that learners can touch and manipulate, such as counters, base ten blocks, or objects to represent numbers and mathematical operations.

P or pictorial involves using pictures, drawings, and diagrams to represent the concrete objects and the process they just performed.

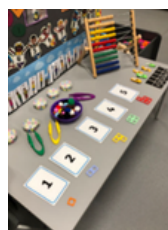
A or abstract involves using numbers and symbols (like +, -, ×, ÷) to represent the mathematical problem.

Each child needs to start with a concrete approach to their learning, which then begins to incorporate the pictorial elements of Maths and later, when ready, supports children to be able to access the more abstract elements within Maths. **This term, we are focusing on the concrete approach for EYFS.**

Please see below how these may be presented to the children in different ways. You may wish to use some of these practical resources when supporting your child at home. For example, straws, Lego, counters, figures, cubes, objects around the home.

SPRING TERM MATHEMATICS RECEPTION

Concrete



Mrs Reynolds' Maths at Home Challenge

Can you practice your number formation at home?



Practice finding number bonds to 5.

<https://www.bbc.co.uk/bitesize/topics/zcdpf82/articles/z26svwx>

Can you use objects around your home to show number bonds to 5?



Other useful links:



- Download the 1 minute Maths App- free to practice number fluency.
- <https://www.bbc.co.uk/bitesize/topics/zs3j2v4-> BBC Bitesize Early Maths Games
- <https://www.topmarks.co.uk/Search.aspx?Subject=16&AgeGroup=1> - Play Maths Games
- <https://ictgames.com/mobilePage/eyfs.html>- Play more Maths Games