

Our Old Curriculum 5-14 and before Curriculum for Excellence

Before CfE the curriculum was known as 5-14. This curriculum taught maths with a **focus on textbook** work and progressing from one textbook to the other.

E.g. You would complete level C textbook then level D.



When Curriculum for Excellence was introduced

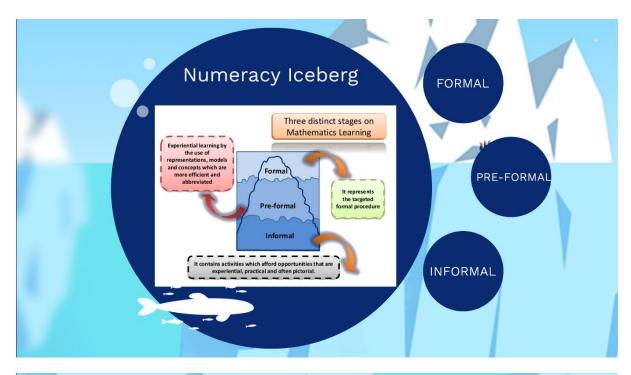
When CfE was introduced there was a huge emphasis placed upon experiential learning and this was when we began to take a more hands on and active learning approach in Maths and Numeracy.

Children were then provided with opportunities to experience maths rather than complete sums and question papers.

Recent Developments in Maths and Numeracy Learning

Nowadays, there has been a lot of studies completed around the breaking down of Maths concepts and we have introduced approaches like **SEAL MATHS** (Stages of Early Arithmetic Learning) into our schools to ensure children have progression within the skill they are being taught.

Alongside this we have begun to develop a **Concrete, Pictorial and Abstract** framework for teaching Numeracy and Maths to allow the children more personalisation over the strategies they choose to solve a problem. This also encourages them to develop a deeper understanding about mathematical concepts as they represent them in many different ways.





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There are four advanced counting strategies

• Counting-up-from(count-on)

8 + 5 = [ ]

• Counting-up-to 8 + [ ] = 13

• Counting-back-from 13 - 5 = [ ]

• Counting-back-to 13 - [ ] = 8
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48+25 Jump: +10 +10 +2 +3 48 → 58 → 68 → 70 → 73 Split: 40 + 20 = 60; 8 + 5 = 13; 60 + 13 = 73 All strategies involve • jumping by ten. • jumping through ten.





Where are you now?

This activity requires 100 square and counters (Please take one home with you tonight)

The aim here is to focus on the progression of the jump strategy. The children have the 100 square in front of them as a visual and move around the square in ones and tens



Mini Multo

This activity focuses on multiplication and is in the format of bingo.

By playing this game we are developing the children's aromaticity of their multiplication facts.

The kids thoroughly enjoy a competitive game of bingo so why not get everyone involved.



Take Home Thoughts

- The skills of Maths and Numeracy are no longer developed through completing a page of formal algorithms correctly... Get active and allow children to develop the BASIC SKILLS before giving any formal calculations.
- Be mindful of children's **growth mindset** in a mathematical environment. Children will be questioning their problems and figuring things out in many ways. It is important that we continue to grow this to stop any maths anxiety developing.
- Maths can be FUN! There are lots of exciting ways to learn Numeracy and Maths through games, songs and rhymes. **Be Creative** with how you learn maths at home.



