

Filey CE Nursery and Infants Academy

Maths at our school.

School Maths Lead: Adam Jackson

Our Weekly Maths Teaching Offer

Our Maths curriculum follows the Ebor Academy Trust Long Term Planning which has been created using the NCETM spines and the National Curriculum. As a school we work closely with the Yorkshire Ridings Maths Hub.

Our Maths offer is accompanied by the NCETM mastering number program.

- **EYFS pupils** - Mastering Number, Maths and provision.
- **Year 1 pupils** -Mastering Number, Maths and provision.
- **Year 2 pupils** -Maths, Mastering Number: Cross curricular application.

Enterprise

All children in school have the opportunity to apply their mathematical skills and thinking in a real life situation. The children work through the whole process from sourcing to selling. We focus on transferable skills that the children can use in later life.

Foundational Fluency

- These are 10-15 minute sessions taught separately to the main Mathematics lesson.
 - Daily foundational fluency sessions give pupils the opportunity to learn foundational knowledge assisting with automaticity.
 - NCETM RTP documents are used as an assessment tool in KS1.
 - EYFS Mastering Number sessions 4x a week - In EYFS, children learn the composition of numbers within 10.
 - KS1 Mastering Number 4x a week- In KS1, children learn the composition of numbers within 20.
- Within the NCETM mastering number programme children learn the structures of addition and subtraction and how to develop a good 'sense of number'.

Provision

EYFS and Year 1 pupils access classroom provision which consolidates mathematics learning and builds on key concepts in other areas. Children are encouraged to work together to help develop mathematical talk.

"I am a Mathematician"



Assessment

Autumn Term:

- Year 2- Teacher assessment and PIXL testing. PIXL therapies.
- Year 1- Teacher assessment.
- Reception- Baseline and Teacher assessment.

Spring Term:

- KS1- Teacher assessment and PIXL testing. PIXL therapies.
- Reception- Teacher assessment.

Summer Term:

- KS1- Teacher assessment and PIXL testing. PIXL therapies.
- Reception- Teacher assessment.

Group A: Year 1 (Within 10)

1. Adding 1 (e.g. $7 + 1$ and $1 + 7$)
2. Doubles of numbers to 5 (e.g. $4 + 4$)
3. Adding 2 (e.g. $4 + 2$ and $2 + 4$)
4. Number bonds to 10 (e.g. $8 + 2$ and $2 + 8$)
5. Adding 10 to a number (e.g. $5 + 10$ and $10 + 5$)
6. Adding 0 to a number (e.g. $3 + 0$ and $0 + 3$)
7. Near doubles (e.g. $3 + 4$ and $4 + 3$)
8. The ones without a family! $5 + 3$, $3 + 5$, $6 + 3$, $3 + 6$

Group B: Year 2 (Bridging 10)

9. Doubles of numbers to 10 (e.g. $7 + 7$)
10. Near doubles (e.g. $5 + 6$ and $6 + 5$)
11. Bridging (e.g. $8 + 4$ and $4 + 8$)
12. Compensating

Alongside

Partitioning 2, 3, 4, 5, 6 and 10

Partitioning 7, 8 and 9

Partitioning 11 – 20 into single digit addends