

Assessment

Assessment in numeracy will focus on pupils understanding and knowledge of key mathematical concepts. Teachers can gather a range of formative and summative assessments to assess, evaluate, and inform learning and teaching,

Teachers should record summative assessment data using the agreed assessment tracker. Where students get an orange, red or white score, comments should be added to explain why they did not achieve green.

Falkirk Council Pressure Points should be used to assess end of level progression.

SumDog diagnostics should be carried out regularly and used to inform teaching.

Planning

Falkirk Council Progression Pathways should be used to inform planning, teaching, and assessment. We highlight the first word to show what we are planning to teach that term, we then highlight it fully once it has been taught. Term 1- Yellow, Term 2- Blue, Term 3- Pink, Term 4- Green

Teaching of mathematics can be taught in either blocks or spiral. It is important to ensure that all concepts are revisited throughout the year through morning work, problem solving activities, or mental maths.

Plan appropriate, daily activities for Number Talks, Maths Recovery (P1-3) and Building Thinking Classroom (P4-7). This time should promote mathematical vocabulary and higher order thinking.

Numeracy and

Pedagogy

Mathematics

Resources

A range of approaches should be used to promote a rich, supportive environment.

Some of the approaches are:

- Flexible grouping to allow for differentiation to support and challenge pupils.
- Use of Concrete, Pictorial, Abstract (CPA) materials.
- Use of meaningful contexts for learning.
- Appropriate and effective use of technology and active approaches.
- Maths Recovery/ Number Talks/ Building Thinking Classrooms to support mental maths and vocabulary.
- Make frequent cross-curricular links across the curriculum.
- Development of problem solving capabilities and critical thinking skills.
- Effective use of summative and formative assessments.

Below is a list of resources which are in the school:

- TeeJay and Heinemann textbooks.
- Numicon resources.
- Pressure Points are available on teams and on glow.
- Numeracy tracking document is available on teams.
- A variety of concrete materials are available in the cupboards in the middle area.
- Maths Recovery resources can be found in the cupboard in the middle area.
- White Rose Maths resources can be found on teams.
- Nrich and NZmaths is a useful website for problem solving activities.
- Youcubed and Corbettmaths is useful for teaching resources, activities, and professional learning.
- Didax is a useful tool for visuals.