

### How we teach maths at Newton Road:

The school is currently moving towards using Maths No Problem to support the delivery of the National Curriculum Requirements for Maths. We aim to develop the understanding and fluency across each concept taught whilst providing elements of mastery to deepen the knowledge of the pupils. Pupils identified as struggling during a lesson will have an intervention session completed with them following the lesson to support their progression on to the next point in the sequence of lessons. Any pupil's identified for further support (underachievers, QLA gaps) will also have interventions completed with them during each term.

#### To develop the knowledge across maths we will:

- Provide a lesson structure to enhance reasoning opportunities

#### Lesson Structure

The four main parts are taught each lesson to the pupils to promote the use of their prior knowledge, deliver new learning, discuss and share ideas with their peers and show their independent knowledge. Pupils follow the 'In Focus', 'Let's learn', 'Guided Practice' and the 'Independent work'. The 'In Focus', 'Let's Learn' and 'Guided Practice' sections are completed either in books or on a whiteboard and the 'Independent Work' is completed in their books. By the summer term 2019 all children will move to using a maths jotter for whiteboard work. This is our agreed maths learning lesson structure:

**Feedback Review** - Using whole class feedback review and share positive and address misconceptions and ensure time to respond.

**In Focus** - A focus on using prior learning moving in to the new learning of the lesson. Within this section, the pupils discuss and critique the different ideas, looking at the most effective ways to respond to different scenarios given.

**Let's Learn** - Pupils are taught the new concept or extending a known concept as a whole class, engaging step by step with ideas to understanding the development of learning occurring in the lesson using a broad range of representation

**Guided Practice** - Working with their partner, pupils are to apply their understanding from the 'Let's Learn' section through discussion with their partner.

**Independent Work** - The independent work provides the pupils with the opportunities to apply their understanding in varied ways. Pupils are to identify a way to challenge themselves further within the concept that is taught when work given is completed.