



What does the teaching of Maths look like in this school?

Context:

The Maths at Stanwick Primary is segmented into four main parts using the Maths No Problem programme. 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 pupils identified for further support (underachievers, QLA gaps) will also have interventions completed with them during each term, providing regular practise of arithmetic skills, revision of previous topics taught and pre-teaching of new concepts and vocabulary.

To develop knowledge across maths we will:

- ❖ Teach arithmetic skills in line with current learning.
- ❖ 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 on the whiteboard side (left hand side) and the 'Independent Work' on the work side (right hand side). Pupils will receive five lessons a week; one of which including work on arithmetic, times tables or similar fluency based questions.

Teachers may start their lesson with a 'review' which requires the children to recap skills, either from previous lessons in that unit, or previous year groups that they will use in the upcoming lesson.

In Focus

The focus here is 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 stories given.

Let's Learn

Pupils are taught the new concept as a whole class, engaging step by step with ideas to understanding the development of learning occurring in the lesson.

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.

Blue Box Challenges

Pupils will have blue boxes relating to a range of different opportunities that can deepen their knowledge across the topic they are working on. Throughout the lesson the pupils may have opportunities to complete these where appropriate.

KS1 – Teacher led challenges should be given.

KS2 – Teacher led challenges or pupil led challenges with blue boxes evident on Maths display.

To support our development of maths we will:

Encourage Pupil Marking

Pupils in Key Stage Two should be aware of where the Guided practice and the Independent Work answers are in order to respond to their own work. If incorrect, pupils are to use their blue pens to attempt the question again. Any pupils with a full set of incorrect answers should seek support from the teacher.

Provide Feedback

Teachers will mark each pupil book in line with the maths marking policy and identify pupils requiring further intervention. Books are marked each lesson in order to intervene effectively prior to the following lesson where possible. If incorrect answers are found, these are indicated to the pupils through a pink highlight of the question and to be attempted again at the beginning of the next lesson.

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