



# Stratford Preparatory School

## Medium Term Planning – Junior 4

**Term: Michaelmas 2018 Subject: Maths Assessment - KO**

### Aims

To encourage pupils to develop initiative and problem solving skills. Pupils should practise using concepts previously taught. To encourage an independent approach to learning. To further develop the key skills set out in the National Curriculum. To identify areas of strengths and weaknesses in pupil's understanding.

### Objectives

1. To consolidate and practise mathematical concepts previously taught.
2. To work through Maths assessment papers independently.
3. To evaluate pupils progress. To identify and address areas of strengths and weaknesses.

### Areas of experience

The school will focus on providing experience in the following areas:

**Linguistic** – command of language and ability to communicate grows through listening, speaking, reading and writing.

**Mathematical** – Understand and appreciate relationships and patterns in number and space and to develop their capacity to think logically and express themselves clearly. Understanding should come from practical activity, exploration and discussion.

**Scientific** – Knowledge and understanding of nature, materials and forces. Develop skills associated with scientific process of enquiry: observing, forming hypotheses, experiments and recording.

**Technological** – Planning, developing and evaluating good quality products. Using tools, materials and equipment. Responsible and safe use of computing.

**Human and social** – People and environment, how human action in the past has influence events and conditions.

**Physical** – Physical control and co-ordination as well as tactical skills and imaginative responses to evaluate and improve performance. An understanding of fitness and health.

**Aesthetic and creative** – Making, composing and inventing, present in all areas especially Art, Music, drama, dance, literature.

### Scheme of Work/ Weekly Programme of Study

Pupils will work at their own rate through Maths Assessment Book 2/3/4/further. More able pupils will progress to Book 4 and beyond (see Maths Assessment folder for details). Less able pupils will be working on Book 2 or 3. Adjustments to this scheme may be made to accommodate pupils understanding of concepts.

### Differentiation

Differentiated work will be set as appropriate for more able and less able pupils.

### Cross Curricular Links

English, DT

### Deployment of Teaching Assistants

n/a

### Resources

Maths Assessment Book 2/3/4/Further Maths Assessment books