

Rationale

The Numeracy Across the Curriculum Strategy was developed with the aim of improving consistency and understanding of Mathematical skills in teaching and learning across the school.

The aims are to help ensure that all pupils:

- become fluent in the fundamentals of mathematics, develop conceptual understanding and have the ability to recall and apply knowledge rapidly and accurately
- develop and/or use their mathematical knowledge, understanding and skills across the curriculum
- are able to apply their numeracy skills in real life situations

The focus is on supporting consistent approaches to the teaching of numeracy skills across the curriculum, by providing guidance on key Mathematical skills. This document outlines methods that should be reinforced across the curriculum within all subjects. There would be an expectation to see each of the topics listed being taught in this way across the school where appropriate.

General guidance

In Year 7 and Year 8 Deyes High School's Mathematics scheme of work is non-calculator. This is to encourage pupils to develop fluency in carrying out all calculations without the use of a calculator. Wherever possible all subjects should also encourage this independence to strengthen the students' numeracy skills across all subjects.

In Year 9 onwards calculators are used in Mathematics lessons, as students need to understand how to use calculators effectively. However, pupils need to be able to carry out basic calculations without the use of a calculator. This needs to be reinforced across all subject areas. For example, pupils should not be permitted to use a calculator to add/subtract/multiply or divide as reinforcing their written methods will help their numeracy skills develop further.