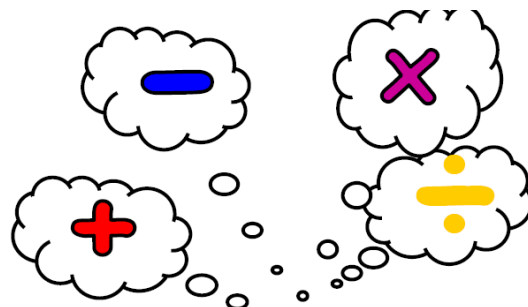


Whole School Written Calculation Policy

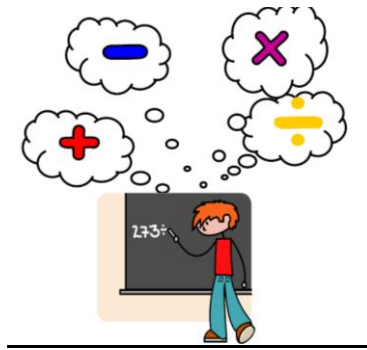
Pencil and paper procedures

Cavendish Community
Primary School



Cavendish Primary School January 2015 Updated by Claire Critchley & Pippa Birchill

Cavendish Community Primary School



Introduction

Written methods of calculations are based on mental strategies. Each of the four operations builds on mental skills which provide the foundation for jottings and informal written methods of recording. Skills need to be taught, practised and reviewed constantly. These skills lead on to more formal written methods of calculation.

Strategies for calculation need to be supported by familiar visual representations to reinforce understanding. When teaching a new strategy it is important to start with numbers that the child can easily manipulate so that they can understand the concept.

The transition between stages should not be hurried as not all children will be ready to move on to the next stage at the same time, therefore the progression in this document is outlined in stages. Previous stages may need to be revisited to consolidate understanding when introducing a new strategy.

Children should not be made to go onto the next stage if:

- 1. They are not ready.**
- 2. They are not confident.**

Children should be encouraged to consider if a mental calculation would be appropriate before using written methods.

A sound understanding of the number system is essential for children to carry out calculations efficiently and accurately.

AIMS OF THE POLICY

- To ensure consistency and progression in our approach to calculation
- To ensure that children develop an efficient, reliable, formal written method of calculation for all operations
- To ensure that children can use these methods accurately with confidence and understanding