# LORD DERAMORE'S PRIMARY SCHOOL MATHS CALCULATION PROGRESSION POLICY

This policy has been developed using the White Rose Maths Hub Calculation Policy which sets out clear guidelines for the progression in calculation.

Adaptations of this scheme are for the benefit of staff to show the steps children have made in previous years and the steps that they are required to make this year. Each area also has a break down of objectives from the National Curriculum.

It is however a guide, and it is not to be used to the letter for every child. Each child has individual needs and they should not be moved on to the next stage unless absolutely confident in the stage they are currently working on.

The policy shows limited variations, therefore it is important that other representations are utilised when teaching to build a strong foundation across the content taught. "Variation offers a systematic way to look at mathematical exercises in terms of what is available for the learner to notice." (Marton, Runesson & Tsui, 2003)



## **ADDITION CALCULATION PROGRESSION (PAGE 1 OF 2)**

KEY LANGUAGE: add, altogether, count on, in addition, increase, more, more than, plus, sum, total, equal to, same as







### SUBTRACTION CALCULATION PROGRESSION (PAGE 1 OF 2)

### KEY LANGUAGE: take away, less than, the difference, subtract, minus, fewer, decrease

#### CURRICULUM STATEMENTS AND PROGRESSION





### **MULTIPLICATION CALCULATION PROGRESSION (PAGE 1 OF 2)**

**KEY LANGUAGE:** double, times, multiplied by, the product of, groups of, lots of, equal groups

CURRICULUM STATEMENTS AND PROGRESSION





Children to represent the counters/base IU, pictorially Format written method 2= 0



### **DIVISION CALCULATION PROGRESSION (PAGE 1 OF 2)**

KEY LANGUAGE: share, group, divide, divided by, half

CURRICULUM STATEMENTS AND PROGRESSION



Childron to re

