

## CHANGES IN LIGHT OF THE NEW CURRICULUM

### What are the key changes for maths?

- There's quite a lot of new content. This includes addition and subtraction of fractions and more complex division.
- Children are being reintroduced to Roman Numerals across Keystage 2
- Practice is really important! The basics such as times tables and number facts need to be addressed constantly through varied and repeated practice so that children can solve progressively complex problems.
- There is a renewed emphasis on problem solving with a particular focus on multi-step problems, money and time.
- Within problem solving children are now expected as before to reason and communicate effectively
- The programme of study is set out on a year-by-year basis however schools have some flexibility in when they teach content within each key stage.
- Calculators will be banned in the KS2 SAT from 2014. The new programme of study backs this up by emphasising further the importance of mental fluency and the use of efficient written methods in the four mathematical operations.
- Disapplication of the outgoing curriculum - Schools will be encouraged to start the new curriculum with their Year 3 and 4 children as the the outgoing curriculum will be disapplied for these groups from September 2013. We implemented the new curriculum as of September 2013 due to the nature of our learning groups .
- Levels are going: the government has announced that National curriculum levels will be abolished and be replaced. Schools will be expected to report to parents on children's progress (they can decide as a school how to do this). We are still using levels for now!

### So what can you do?

- Keep memorised facts and skills ongoing
- Regular practice of key mental strategies and written methods

## **Changes at a glance in content**

### **Multiplication tables:**

Y2: 2, 5 & 10 times tables

Y3: 3, 4 & 8 times tables

Y4: all tables up to 12x12

### **Standard written methods:**

Y3: Column addition and subtraction

Y4: Standard multiplication

Y5: Short division

Y6: Long division

### **Fractions**

Y1: Half and quarter

Y2:  $\frac{3}{4}$  and  $\frac{1}{3}$ . Find  $\frac{1}{2}$  of a number

Y3: Add and order simple fractions

Y4: Add + Subtract fractions

Y5: Use mixed numbers

Y6: Add & Multiply fractions

### **Algebra**

Y6: Simple formulae, finding missing numbers, etc.