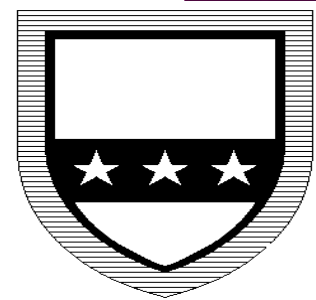


MATHEMATICS

WORKSHOP

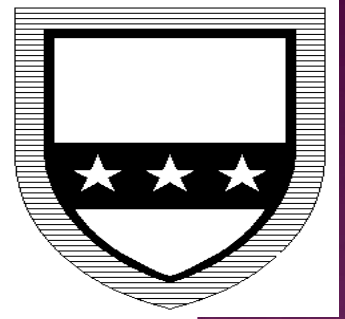
Poulton Lancelyn Primary School

NATIONAL CURRICULUM CHANGES

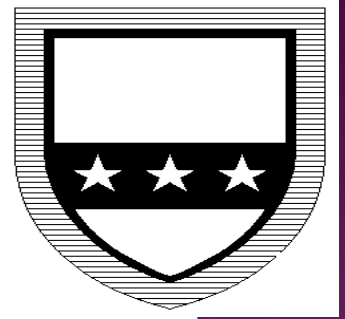


- ◉ New Curriculum introduced from September 2014 for all pupils.
- ◉ Children must be mathematically fluent.
- ◉ Expectations have changed. Coverage and skills have been “pushed down.”
- ◉ No longer using levels. Emerging, Expected, Exceeding.

SCHOOL CHANGES



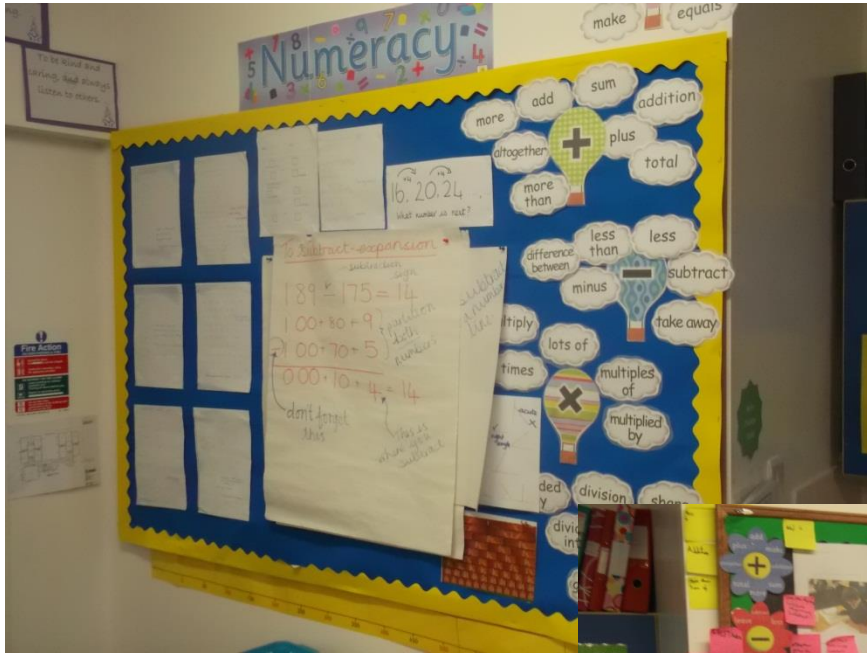
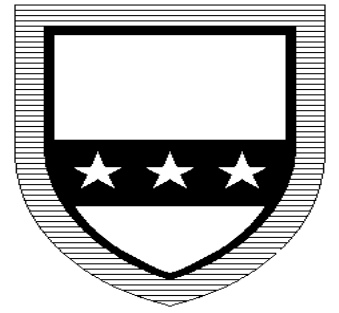
- ◉ Mathematics priority development area. Ofsted 2015
- ◉ Maths calculation policy.
- ◉ Long term plans for each year group.
- ◉ 2 maths lessons per day - main and arithmetic
- ◉ More focus on number to develop number fluency.

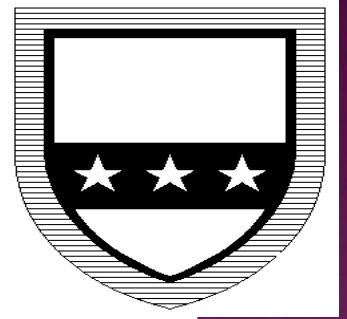


WRITTEN MATHEMATICS

- ◉ Detailed breakdown for each year group in Mathematics policy. On website.
- ◉ Mathematics session in each year group will outline the calculation methods used within that group.

CLASSROOM ENVIRONMENT





MENTAL MATHEMATICS

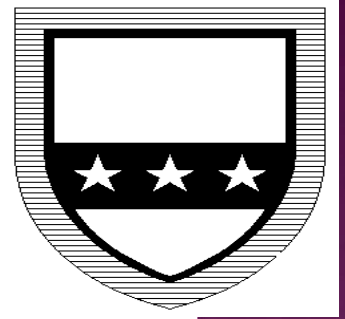
- ◉ Extra emphasis on mental mathematics.

Addition

- Counting on
- Doubling and adjusting
- Rounding and adjusting
- Partitioning
- Number bonds

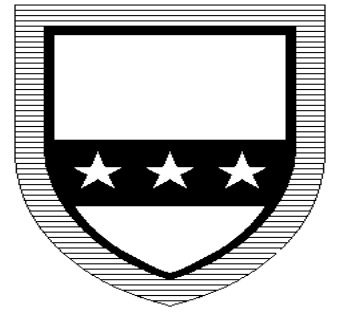
Mental Maths

Songs



TIME TABLES

- ◉ Times tables rock starz
- ◉ Some aspects tested (motivates some).
- ◉ Can be used as an assessment tool.
- ◉ Ensures pupils know their multiplication and division facts
- ◉ In year 3: 2, 3, 4, 5, 8, 10 times tables.
- ◉ 2019 - new times tables test for Year 4 pupils. Expected to know 12×12 .



USING AND APPLYING

- Ensures that pupils apply the skills developed from other lessons.

Ingredients for one batch of biscuits:

50g dried fruit

50g soft butter

50g light brown sugar

2 ~~tblsp~~ tblsp condensed milk

50g rolled oats

85g self-raising flour

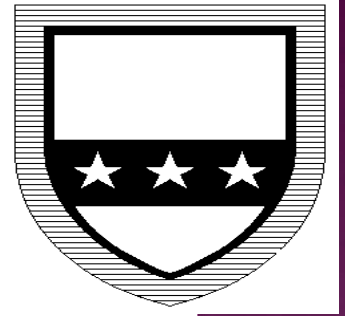


1. How much self-raising flour would be needed to make 5 batches of biscuits?

2. How many tablespoons of condensed milk would be needed to make 110 batches of biscuits? _____
3. How many grams of butter would be needed to make 8 batches of biscuits?

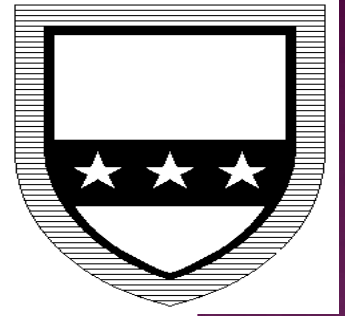
4. How much dried fruit would be needed to make 3 batches of biscuits?

HOME HELP



- ◉ Technology (mathletics, apps)
- ◉ Homework
- ◉ Time
- ◉ Shopping
- ◉ Times tables
- ◉ Doubling

IMPORTANCE OF READING



- ◉ Real life problems involve being able to read.
- ◉ Trend of poor readers = poor mathematicians.