St. Lawrence Primary School

La Grande Route de St Laurent
St Lawrence
Jersey
JE3 1NG

Telephone: 01534 863172
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Y6 Maths Information – Spring 2024

Pupils will be following themes in the White Rose scheme of work and the areas for this term are below.

The children will also have a half termly Arithmetic SATs paper to work on and it is hoped to improve the score over the six or so weeks up to half term.

It would be beneficial to work on two or three per week – changing the numbers, but keeping the main spirit of the question the same e.g. 3450 divided by 17 could become, 2378 divided by 14.

Being able to convert measures is really important and would be a useful area to work on e.g. knowing facts such as, 1000g in a kg, 1,000 ml in a litre, 365 and a 1/4 days in a year, 60 minutes in an hour.

Fractions
Step 1 Multiply fractions by integers
Step 2 Multiply fractions by fractions
Step 3 Divide a fraction by an integer
Step 4 Divide any fraction by an integer
Step 5 Mixed questions with fractions
Step 6 Fraction of an amount
 Step 7 Fraction of an amount – find the whole

Measurement
Step 1 Metric measures
Step 2 Convert metric measures
Step 3 Calculate with metric measures
Step 4 Miles and kilometres
Step 5 Imperial measures

Ratio
Step 1 Add or multiply?
Step 2 Use ratio language
Step 3 Introduction to the ratio symbol
Step 4 Ratio and fractions
Step 5 Scale drawing
Step 6 Use scale factors
Step 7 Similar shapes
Step 8 Ratio problems
Step 9 Proportion problems
Step 10 Recipes
End of block assessment (version B)

Algebra
Step 1 1-step function machines
Step 2 2-step function machine
Step 3 Form expressions
Step 4 Substitution
Step 5 Formulae

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'To develop responsible, independent individuals who love learning and have the knowledge and attitudes to be successful in an ever changing world'.

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Step 6 Form equations
Step 7 Solve 1-step equations
Step 8 Solve 2-step equations
Step 9 Find pairs of values
Step 10 Solve problems with two unknowns

Decimals
Step 1 Place value within 1
Step 2 Place value – integers and decimals
Step 7 Multiply decimals by integers

Fractions, Decimals Percentages
Step 1 Decimal and fraction equivalents
Step 2 Fractions as division
Step 3 Understand percentages
Step 4 Fractions to percentages
Step 5 Equivalent fractions, decimals and percentages
Step 6 Order fractions, decimals and percentages
Step 7 Percentage of an amount – one step
Step 8 Percentage of an amount – multi-step
Step 9 Percentages – missing values
End of block assessment (version B)

Area, Perimeter, Volume
Step 1 Shapes – same area
Step 2 Area and perimeter
Step 3 Area of a triangle – counting squares
Step 4 Area of a right-angled triangle
Step 5 Area of any triangle
Step 6 Area of a parallelogram
Step 7 Volume – counting cubes
Step 8 Volume of a cuboid

Statistics
Step 1 Line graphs
Step 2 Dual bar charts
Step 3 Read and interpret pie charts
Step 4 Pie charts with percentages
Step 5 Draw pie charts
Step 6 The mean

At the beginning of each lesson, the class will have a fluency session, where we focus on the previous weeks'/term's work which has been covered before. There may also be some pre teaching sessions and we have already covered some of the areas of the Spring Term in the Autumn fluency lessons.

We have a Maths Fluency policy on the school website that you can use to guide any additional practise you would like to do at home https://www.stlawrence.sch.je/wp-content/uploads/Fluency-Policy-November-2022.pdf

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It is important to ensure that your child can tell the time, both on an analogue clock and a digital (24hr clock). Access to IXL is still provided and your child has their log on for this program. It provides revision of 'Time' and this is a good place to start. Pupils should also know how many days there are in each month, how many days in a year/leap year, how many minutes in an hour etc. and be able to convert between 24hr and 12 hr times.

Times tables revision is ongoing, and your child should work on the 6 tables which they write down each week in their target folders. These are imperative for your child's success in Maths as they come into all areas of this subject. Please work on any tables which your child cannot recall quickly – post-it note them around the house and ask them to tell you about the cues we have to remember the tricky ones.

Many thanks for your continued support. Please do not hesitate to contact me, should you have any queries.

Kind regards,
Carolyn McCartney.

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