**Oak Class Home Learning**

Below is a list of activities/resources that can be used with any home learning whilst we are not at school. Please try to do some spelling, handwriting, times tables and reading activities everyday; and then some other activities to suit. If it helps to keep some structure, then you could create a timetable to follow but there is no need to as home life is very different so please mix up the activities and fit them in as you can.

* **Practise spellings**

- Spelling shed will have different spelling patterns on that have previously been looked at in class for children to go over.

- Target spelling words are on seesaw that the children have had previously. Please practise all of these to make sure they are fully embedded.

- The year 3 & 4 common exception words (from the curriculum) can be found here to practise as well: <http://www.crosslee.manchester.sch.uk/serve_file/253974>

- Yr 3 & 4 spelling rules can also be practise here: <https://spellingframe.co.uk/>

* **Practise handwriting**

- Please encourage children to join their writing with the correct formation and joins. They should be writing fully across the line with appropriately sized spaces. Ascenders and descenders should be the same height and writing should sit on the line.

* **Practise times tables**

- TT Rockstars remains available to help children learn their times tables. Any other methods and games are also welcome so that yr 4 children know all the tables up to 12 x 12. Yr 3 children need to know the 2, 3, 4, 5, 8 and 10x tables but of course are welcome to learn the others as well.

* **Reading**

- Please allow time for your child to read both independently and to an adult. Also, please read stories to them. It is important that children hear stories being read with appropriate expression and can practise reading with expression themselves as this is a big aid to comprehension. Online stories can also be listened to (Oxford owl website,

* **Maths & English**

- Education city remains available. Below is a copy of the areas of maths that the children have covered so far and so please use this website to practise all of these areas of learning rather than just sticking to the games in the homework section. They do not need to look at objectives that we have not yet covered.

- Many subscription educational websites are offering free access during this time that have loads of resources for a range of learning:

<https://www.twinkl.co.uk/> This is a service used by school that is offering a free service for parents and children whilst the schools are closed – enter the code UKTWINKLHELPS

<https://kids.classroomsecrets.co.uk/> Maths and reading home learning packages.

<https://whiterosemaths.com/homelearning/> A fantastic maths website offering online lessons and activities during the school closures.

- Many other websites are free online to practise maths and English skills:

<https://mathsframe.co.uk/>

<https://www.coolmathgames.com/>

<https://www.topmarks.co.uk/>

<https://www.ictgames.com/mobilePage/index.html>

<https://www.oxfordowl.co.uk/welcome-back/for-home> A huge range of resources and activities including online books to read.

<http://www.pobble365.com/> A great website for literacy that provides a different interesting picture for every day of the year. With it comes a story starter, questions, editing opportunities and other ideas for literacy work.

<https://www.vooks.com/> A streaming library of storybooks, brought to life, to help encourage the love of reading. Paid app but free trial.

<https://kahoot.com/>

* **Science**

- <https://www.bbc.co.uk/bitesize/subjects/z2pfb9q>

* **PE**

<https://www.youtube.com/channel/UCAxW1XT0iEJo0TYlRfn6rYQ> Joe Wicks is streaming 30 minutes live workout sessions on his YouTube channel everyday starting Monday at 9am. So you can start the day positively with some physical activity!

- Try out some ‘Just Dance’ on YouTube or be calm with some ‘Cosmic kids yoga’.

* **Geography**

- Use google earth to investigate places around the world. Try drawing a map of what you see.

- Choose a country or land feature to research and find out about.

* **History**

**-** <https://www.bbc.co.uk/bitesize/subjects/zcw76sg>

- Choose any period in history to find out about and display what they’ve learnt in a manner of their choosing.

- Take a virtual tour of the British Museum <https://britishmuseum.withgoogle.com/>

* **Art/DT**

**-** Have a go at some junk modelling.

- Use websites to help you draw e.g. <https://www.artforkidshub.com/how-to-draw/>

<https://www.howtodraw.pics/>

<https://www.mrsmactivity.co.uk/> Full of lots of activities for children to do.

There’s also a facebook page called ‘Lessons on Lockdown’ that has ideas for activities.

Of course there are many other websites to do activities from. Have fun, message me on seesaw if you need anything and hope to see you soon!

Miss Wilson

Objectives covered so far.

**Number and Place Value**

* Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number
* Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)
* Compare and order numbers up to 1000
* Identify, represent and estimate numbers using different representations
* Read and write numbers up to 1000 in numerals and in words
* Solve number problems and practical problems involving these ideas

**Calculation**

* Add and subtract numbers mentally, including:
* a three-digit number and ones
* a three-digit number and tens
* a three-digit number and hundreds
* Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
* Estimate the answer to a calculation and use inverse operations to check answers
* Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.
* Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
* Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods
* Solve problems, including missing number problems, involving multiplication and division, including integer scaling problems and correspondence problems in which n objects are connected to m objects

**Fractions and Decimals**

* Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10
* Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
* Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators
* Recognise and show, using diagrams, equivalent fractions with small denominators
* Add and subtract fractions with the same denominator within one whole (e.g. 5/7 + 1/7 = 6/7
* Compare and order unit fractions, and fractions with the same denominators
* Solve problems that involve all of the above

**Measures**

* Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
* Measure the perimeter of simple 2-D shapes
* Add and subtract amounts of money to give change, using both £ and p in practical contexts
* Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks
* Estimate and read time with increasing accuracy to the nearest minute;
* Record and compare time in terms of seconds, minutes, hours; use vocabulary such as o’clock, a.m./p.m., morning, afternoon, noon and midnight
* Know the number of seconds in a minute and the number of days in each month, year and leap year
* Compare durations of events, for example to calculate the time taken by particular events or tasks

**Year 3 Maths**

End of Year Expectations

**Geometry**

* Draw 2-D shapes and make 3-D shapes using modelling materials;
* recognise 3-D shapes in different orientations and describe them
* Recognise that angles are a property of shape or a description of a turn
* Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn
* Identify whether angles are greater than or less than a right angle
* Identify horizontal and vertical lines and pairs of perpendicular and parallel lines

**Statistics**

* Interpret and present data using bar charts, pictograms and tables
* Solve one-step and two-step questions such as ‘How many more?’ and ‘How many fewer?’ using information presented in scaled bar charts and pictograms and tables

Objectives covered so far.

**Fractions and Decimals**

* Recognise and show, using diagrams, families of common equivalent fractions
* Count up and down in hundredths; recognise that hundredths arise when dividing an object by a hundred and dividing tenths by ten
* Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number
* Add and subtract fractions with the same denominator
* Recognise and write decimal equivalents of any number of tenths or hundredths
* Recognise and write decimal equivalents to ¼, ½, ¾
* Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as units, tenths and hundredths
* Round decimals with one decimal place to the nearest whole number
* Compare numbers with the same number of decimal places up to two decimal places
* Solve simple measure and money problems involving fractions and decimals to two decimal places

**Number and Place Value**

* Count in multiples of 6, 7, 9, 25 and 1000
* Find 1000 more or less than a given number
* Count backwards through zero to include negative numbers
* Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)
* Order and compare numbers beyond 1000
* Identify, represent and estimate numbers using different representations
* Round any number to the nearest 10, 100 or 1000
* Solve number and practical problems that involve all of the above and with increasingly large positive numbers
* Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value

**Calculation**

* Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
* Estimate and use inverse operations to check answers to a calculation
* Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.
* Recall multiplication and division facts for multiplication tables up to 12 × 12
* Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers
* Recognise and use factor pairs and commutativity in mental calculations
* Multiply two-digit and three-digit numbers by a one-digit number using formal written layout
* Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects

**Year 4 Maths**

End of Year Expectations

**Geometry**

* Compare and classify geometric shapes, including quadrilaterals and triangles**,** based on their properties and sizes
* Identify acute and obtuse angles and compare and order angles up to two right angles by size
* Identify lines of symmetry in 2-D shapes presented in different orientations
* Complete a simple symmetric figure with respect to a specific line of symmetry.
* Describe positions on a 2-D grid as coordinates in the first quadrant
* Describe movements between positions as translations of a given unit to the left/right and up/down
* Plot specified points and draw sides to complete a given polygon

**Measures**

* Convert between different units of measure (e.g. kilometre to metre; hour to minute)
* Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
* Find the area of rectilinear shapes by counting squares
* Estimate, compare and calculate different measures, including money in pounds and pence
* Read, write and convert time between analogue and digital 12 and 24-hour clocks
* Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days

**Statistics**

* Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs
* Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs