

Oak Medium Term Planning for parents Summer 2 2021: Year 3, Year 4/ Y3 and Y4

Maths

Y3:

Identify right angles, recognise that 2 right-angles make a half-turn, 3 make three quarters of a turn and 4 make a complete turn; identify whether angles are greater or less than a right angle.

Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.

Draw 2-D shapes

Recognise that angles are a property of shape or a description of turn

Describe the properties of shapes using accurate language, including symmetrical/not symmetrical, lengths of lines, and acute and obtuse angles

interpret and present data using bar charts, pictograms and tables

solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables. *Pupils understand and use simple scales (for example, 2, 5, 10 units per cm) in pictograms and bar charts with increasing accuracy.*

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 [for example, $\frac{7}{5} + \frac{7}{1} = \frac{7}{6}$]

compare and order unit fractions, and fractions with the same denominators

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

Y4:

Identify acute and obtuse angles and compare and order angles up to two right angles by size.

Compare and classify geometric shapes, including quadrilaterals (*e.g. parallelogram, rhombus, trapezium*) and triangles (*e.g. isosceles, equilateral, scalene*), based on their properties and sizes

Compare lengths and angles to decide if a polygon is regular or irregular. e.g. regular polygons have edges with the same lengths and angles all the same size e.g. a square is the only regular quadrilateral

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.

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 one 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

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

English

Spelling

See separate document on website for spelling lists for the half term.

Grammar and Punctuation

Revise and practise reciting the alphabet and becoming confident in knowing the order of the alphabet. Know which letters are in the first half or the alphabet and which are in the second.

If possible, use a dictionary to find a selection of words. Can you get quicker at finding each word? Using the dictionary can you find the word class for each of these words?

<https://www.bbc.co.uk/bitesize/articles/zmy3rj6>

Create your own mini dictionary on a subject of your choice. You could have a page for each letter of the alphabet. Don't forget to include word classes and definitions.

More worksheets can be found here but they are very challenging and won't be appropriate for everyone: <https://www.easyteacherworksheets.com/langarts/dictionary.html>

Fiction

Read a selection of books by the author Anthony Browne.

Some examples of the books being read on YouTube are linked below but there are many other books to choose from.

<https://www.youtube.com/watch?v=T07u0AggVsg>

https://www.youtube.com/watch?v=Sq_QysPzxys

<https://www.youtube.com/watch?v=DsZn210fGWo>

<https://www.youtube.com/watch?v=IPdmzv7bE4I>

<https://www.youtube.com/watch?v=oPI-wXBPIMc>

Choose your favourite Anthony Browne book. Write a book review about it explaining what happens in the story; why you like it; who else might like it; and what the message in the story is.

Look at one or some of Anthony Browne's books that have a Fairy tale element such as 'Hansel and Gretel', 'The Tunnel' or 'Me and You' (see link above). Look at the traditional versions of the fairy tales – how have they been changed? Choose a fairy tale that you know well:

Can you retell this story?

(Or for a bigger challenge) Can you write your own story based on it but giving it a new style or new twist just like Anthony Browne does?

Science

Find out about how vertebrates are grouped into mammals, reptiles, amphibians and birds.

<https://www.bbc.co.uk/bitesize/topics/zn22pv4>

<https://www.bbc.co.uk/bitesize/clips/zb9rkqt>

Do some research about one vertebrate from each group and create a presentation for it. Make sure to include the key facts that mean it belongs to that group.

Conduct a birdwatch in your garden or somewhere local to you. Can you create a graph to show your results? Can you find a way of sorting the birds that you saw and present this information?

If you can, make a visit to a local wildlife area or reserve. Can you find out how wildlife is being protected in this area and what threats there are?

<https://www.bbc.co.uk/bitesize/clips/znshfg8>

Focus on endangered British animals. Choose one animal and find out why it is endangered or in decline. If possible, can you do something practical to help this animal or another animal that is endangered? For example you could make your garden more hedgehog friendly or build a bat box.

<https://www.bbc.co.uk/bitesize/clips/z284d2p>

If possible, go for a walk near to where you live. As you walk, take photographs or do drawings of the things you notice that pose a danger to local wildlife. What do you think could be done to make a difference? Is there anything you could tell or write to?

Religious Education

Look at a Bible. Find out about the different books that make up the New and Old Testaments.

Here is a link to an online Bible <https://thebricktestament.com/legacy.html> (adults may wish to check content first even though it is aimed at children).

If possible look at one story from the Bible – what do you think Christians learn from reading that story? Discuss it. Create a picture to show what you think.

Find out about the story of Marie Jones and her Bible. <https://www.bbc.co.uk/bitesize/clips/z4r87ty>

https://www.biblesociety.org.uk/uploads/content/projects/mary_jones_story.pdf

Design Technology

Look at a variety of real spring and summer flowers. Explore and name the different parts of a flower – this links nicely to science activities. Using this stimulus design either your own imaginative or real artificial flower. After creating your design consider the range of materials you might use – card, paper, fabric, art straws, pipe cleaners. Put together your design using a variety of fastenings. Complete the activity by making a vase for the flower to stand in.

Geography

Find out about the county that you live in. Create an information book about the county or an IT presentation. Find out about:

- Where the county is on a map of the UK
- What the main towns and cities are and where they are
- Any natural areas
- The main tourist sites
- Famous people from the county
- Leisure opportunities (sports venues, dance, theatres etc)
- What the county is famous for

Practise recognising and finding the UK on maps of Europe or the world. Learn the names of the four countries that make up the United Kingdom and what their capital cities are.

If possible, plan and take a walk around the area you live in. Look at any key features or landmarks. They might be as simple as bus stops or as unusual as an ice-cream farm! As you go on your walk, draw a sketch map of what you see and mark any features as well as any names of roads or streets. It might also help to take photographs along the way. When you get home, draw a careful, detailed and more accurate map showing your walk. Create a key to show where the key features are. You may need to create symbols to help make them easy to recognise.

If possible, go onto Google maps (or similar) and look at your local area. Can you spot the features from your walk?

If possible, look at paper maps (such as Ordnance Survey Maps). Look at the symbols the maps use for different features. Talk about them with an adult.

Music

Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians. This will give us an opportunity to focus on texture in music and, using other related musical elements, improvise and compose music for a range of purposes.

PE

Find out about water safety.

Learn the different beach flags used in Britain.

<https://www.rospea.com/leisure-safety/water/advice/children-young-people>
<https://www.rospea.com/leisure-safety/water/advice/children-young-people/beach-flags.aspx>

You could design a water safety poster or create a short video to explain the rules to a younger child.

Watch extracts from past Olympic or Commonwealth Games – consider which sports/physical activities are good for you; Choose one of the athletic disciplines that you would like to improve and firstly record your starting point ie how long can you jog for ? Record this and then practise and at least a couple of times a week and try to improve your earlier recording. This will help to build up your resilience and stamina.

Computing

Explore some of the activities on the 'Hour of Code' website.

<https://hourofcode.com/uk/learn> (choose grades 2-5)

French

The children will continue to revisit learnt vocabulary such as les mois de l'annee. les jours de la semaine et les saisons.

We will take a look at French food and culture and link it to school summer holidays - les vacances.

<https://www.youtube.com/watch?v=RuXT0QebJxY> will give a good basis for food vocabulary.

We will ask questions such as

“que voulez-vous manger?”

“que voudriez-vous?”

In the context of eating le petit dejeuner, le diner, l'heure du souper

And continue to build up knowledge of verbs such as manger, aimer, compter, laver so that the children can begin to answer these questions.

Both Le French Experiment and The Fable Cottage at <https://www.thefablecottage.com/english/chicken-little> continues to offer opportunities for children to hear French

spoken within a story context and is fun at the same time.