

Y2 Curriculum activity ideas – [Updated Monday 20th April](#), [Updated Monday 1st June](#), [Updated Monday 15th June](#) [Updated Monday 5th July](#)

NB – Red writing refers to where resources needed are in the home learning pack. Green/Purple/ Blue writing refers to new tasks set after the sheet has been updated.

I hope you enjoy completing these tasks at home. If you have any questions about the tasks or if you think that school can help you in anyway then please do not hesitate to contact us at school. It would be wonderful if you could email us to tell us how you are doing and to show or explain to us the activities that you have been doing. The KS1 email address is: Y1-2@zetland.org.uk.

| Maths | English | Science – Animals/Habitats | Topic |
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| <p>Use the written methods sheet in the home learning pack to practise each of the methods with your child as this will help to prepare them for the Arithmetic test. Also see http://zetland.ironstoneacademy.org.uk/year-1-and-2-home-learning/ for videos for how to do some of the methods.</p> <ul style="list-style-type: none"> • Addition – 2 digit + 2 digit number – ‘w method’ • Subtraction – 2 digit -2 digit number – ‘empty number line method’ • Multiplication – 1 digit x 1 digit - Circles and Dots/Numbers • Division – 2 digit number (30 or less) shared by a single digit – Triangles and crosses NB for any 3 digit divisions we would encourage the children to change it to a multiplication number sentence instead. • Fractions – Pie method – finding a quarter, a third, 2 thirds, a half or 3 quarters of a 2 digit number | <p>Please can you ask your child to read the poems in your home learning pack. Discuss what happens in the poem. Ask them to find words that rhyme. Ask your child to add their own verse to a poem.</p> <p>Use www.literacyshed.com KS1 Shed to watch the videos and complete some writing activities based on the videos together. Underneath each video there is normally a list of writing ideas to try.</p> <p>Write an information page about different pets. Introduce the pets first and then write a section about each pet covering</p> | <p>Complete the ‘Growing up’ sheet in your home learning pack</p> <p>Write an information page about the different animal groups – mammals, reptiles, amphibians, birds and fish</p> <p>Draw and label some pictures of animals and their babies – can you make some cards with different animals and their babies on and then play snap if they match.</p> <p>Find out about where different animals live and design a home for an animal that would suit them in their environment. Draw, label and write about the home you have created.</p> <p>Revise the terms carnivore, herbivore and omnivore and</p> | <p>Research the life of Beatrix Potter and write an information page about her</p> <p>If you have access to an atlas look through it together and talk about different countries</p> <p>If you have access to a globe look at and find the 7 continents/ 5 oceans and different countries</p> <p>Find out about and identify the 7 continents on a world map – use world map template sheet in the home learning pack</p> <p>Find out about and identify the 5 oceans on a world map – Pacific, Atlantic, Indian, Arctic and Southern Oceans - use world map template sheet in the home learning pack</p> |

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| <ul style="list-style-type: none"> Missing number sentences – switch the number sentence around and then use a method listed above <p>Time – We have recently learnt this at school</p> <ul style="list-style-type: none"> Children in Y2 need to be able to tell the time on an analogue clock for every 5 minute – please can you regularly ask your child the time Some children progressed further and were able to say what 1 hour/half and hour and a quarter of an hour before and after a given time is Please can you practise the months of the year and ask your child questions about what comes after/ before each month etc. Your child needs to know how many minutes in an hour, how many months in a year and how many days in a year <p>Position and Direction (new part of Maths for Y2 – not covered yet) Practise giving and following directions including:</p> <ul style="list-style-type: none"> Left, right, forwards and backwards Practise making whole turns, half turns, quarter turns, 3 quarter turns clockwise and anticlockwise Make an obstacle course to guide somebody through and writing down the directions given <p>Shape (new part of Maths for Y2 – not covered yet this year)</p> | <p>the areas of what they look like, what you need to do to look after them, what they eat etc. (the introduction can be about 2 sentences and the other sections can be about 5 sentences long. The sections need to have separate subheadings.</p> <p>Write a diary about a day out that you have had together. Write a letter to your favourite Beatrix Potter animal character to tell them what you like about their story and to give them some advice for their future.</p> <p>Write your own ending to a Beatrix Potter story</p> <p>Write your own Beatrix Potter story – make a new animal character or write another story for an existing character</p> <p>Write a character description for a Beatrix Potter character or a new</p> | <p>list some animals that are in each category</p> <p>Write a postcard from an animal in their habitat. Write about where they live and what they like to do</p> <p>Make a big picture of an animal in its habitat on a piece of paper/card. Cut up the picture and make it into a jigsaw to challenge yourself to put back together.</p> <p>Draw some pictures and write some captions for the life cycle of a frog and the life cycle of a butterfly.</p> <p>Read the story of ‘The very Hungry Caterpillar’. Retell the story.</p> <p>Make a glossary of different Science words associated with animals linked to the activities above – e.g. carnivore, omnivore, herbivore, amphibian etc. Investigation – design and make a paper aeroplane. Measure how far it can travel. Make a few different ones. Predict which one will go the</p> | <p>Find out about Africa. Write some interesting facts about Africa. Draw the African Flag. Write a list of similarities and differences between Africa and the United Kingdom.</p> <p>Draw/Paint/Colour some pictures of different animals</p> <p>Make and enjoy some animal themed biscuits/cakes. Photograph and label them and then write some instructions for how you made them</p> <p>Learn some animal songs and rhymes together</p> <p>Create an animal bookmark that you can use for your reading book</p> <p>Make and decorate an animal mask. Find out which type of teeth the animal has. Cut out and stick the teeth onto your mask. Enjoy wearing it!</p> <p>Make a leaflet about Redcar that would be useful to a new visitor to the town</p> |
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| <ul style="list-style-type: none"> • Naming 2D and 3D shapes - can you find some shapes at home and draw and label them? • Describing properties of shapes using the vocabulary side and corner correctly for 2D shapes and vertex, edge and face for 3D shapes – can you list some clues about a shape for somebody to guess which one it is? • Sorting shapes according to their properties – can you sort some shapes that you find into different groups with similar properties? <p>Times Tables – Children in Y2 should be able to count in 2s, 5s and 10s up to 100. I have introduced the 2x, 5x and 10x tables in the 'classic format' e.g. 2x3=, 2x4= in a long list (going up to x12 for each one) so children could practise learning, reciting and answering their 2x, 5x and 10x tables. They also need to know the related division facts i.e. if they know that 6x2=12 then they should know that 12÷2=6. See the times table sheets in the home learning pack. Your child can practise reciting from these sheets and you can write them out with the answers or numbers from the beginning of the number sentence missing for your child to work out. They can revert to using the circles/numbers and dots methods to show 'what multiplication means' first before memorising them if this helps.</p> <p>Symmetry – New Learning</p> | <p>Beatrix Potter character - introduce the character first and then write a section about what he/she looks like, what his/her personality is like and what he/she likes to do (the introduction can be about 2 sentences and the other sections can be about 5 sentences long. The sections need to have separate subheadings.</p> <p>Make something together and take a photo of it. Label the photo and write some instructions for how to do it. Write a story about a magical animal that you meet e.g. The magical bird, The magical horse. Use the following story structure - How do you meet? What adventure do you have together? What goes wrong? How does it get solved? What happens when you return home?</p> <p>Write an information page about yourself including a</p> | <p>furthest and why. Modify the paper aeroplane to see if can 'carry' an object. Add paperclips to make it go further/less far – how far does it go? Write up your investigation. Take and label photos of your aeroplanes.</p> <p>What is a habitat? Write a definition of the word habitat and microhabitat.</p> <p>Find and record some information about the habitat, food and shelter for a range of animals – e.g. cat, seagull, panda, bear etc.</p> <p>Investigate the habitats of a seashore, woodland, ocean and rainforest. Create an information page/poster for each one – draw some pictures and write some facts about each one. Create a habitat True/False quiz. Write some true/false statements about the specific habitats and sort them together into the true/false categories.</p> <p>Talk about living and not living means. If you have a</p> | <p>Life skill – Learn to tie shoelaces and then write some instructions for how to do it to help other children that are learning</p> <p>Find out about different lighthouses around the UK and their history. Create a poster about the different Lighthouses in the UK.</p> <p>Find out about Grace Darling. Write some facts about her life. Create a timeline for the key events in her life. There is some good information and tasks about Grace Darling on www.twinkl.co.uk that you can complete.</p> <p>Find out about the Life of Captain Cook. Research his different voyages. Draw a picture of The Endeavour and Label it.</p> <p>Music – Sea Shanties</p> <p>As our topic is 'All at Sea', we will be learning to sing some Sea Shanties. This week's sea shanty is 'A Pirate Went to Sea'. Listen to it here:</p> |
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Investigate symmetry and ask your child to practise drawing pictures with one line of symmetry – draw one side and they have to draw in the other side. Find symmetrical patterns and identify the lines of symmetry. Make symmetrical models out of lego/knex/building blocks etc.

Numbers and Place Value – Revision
Practise naming 2/3 digit numbers in digits and in words (ensure correct spelling).
Practise ordering 5 given 2/3 digit numbers.
Play bingo to practise number names – use 3/4 digit numbers if your child is ready for this.
Sort numbers into odd and even and go over how we know if a number is odd/even (ends in 1,3,5,7 and 9 if odd and 0,2,4,6,8 if even).

Statistics – Revision
Go through what a tally chart, pictogram and bar chart looks like. Create a tally chart, pictogram and bar chart to answer the question – e.g. How many different types of vehicles travel down our street – cars, vans, bicycles, buses etc. Create some questions that your child can answer about their data e.g. Which is the most popular vehicle? How many more cars than vans went down our street? Can you think of your own question that you can investigate in your house? Create a tally chart, pictogram and bar chart to show the information you have found.
Complete a family investigation via video calling/phone call – What is the most popular

section about what you look like, what your personality is like and what you like to do

Write a list of rules for if you were to visit a zoo.

For each of your writing tasks check that you have used capital letters and full stops correctly. Make sure your letters are formed correctly and that tall letters are tall. Use a coloured pen to make any corrections.

Practise reading and spelling the common exception words from the home learning pack

Find out some information about lighthouses. Write an information page about lighthouse with the subheadings – what does a lighthouse do? What does a lighthouse look like? Where will you find a lighthouse?

puppet/toy use that as an example of not living. Find examples of living and not living things and make a list of what living things can do that not living things can not do.

Food chains – Talk about and write a definition for the words prey and predator. Create some simple food chains together. Extend to learning about and creating a food web.

Science & Art (Outdoor Art)

Nature Bugs – Using sticks, leaves and stones to make some amazing bugs. Spiders, butterflies, caterpillars, beetles, bees – the choice is yours! What will you create?



<https://www.youtube.com/watch?v=YOAzhe2Gv4M>

Sing along and make some actions ☺

Music

Use your recycling to make your own instruments.

Can you make an instrument that you need to shake?
How about an instrument that needs to be tapped?
Some of the things you might find useful – empty bottles, empty boxes with lids, dried rice of pasta, empty plastic tubs.
Draw and label a picture of your instrument.
Write some sentences to explain how it is played.

Music – Sea Shanties

As our topic is 'All at Sea', we will be learning to sing some Sea Shanties.

This week's sea shanty is 'A Pirate Ship Sailed on the Alley Alley O'. Listen to it here:

<https://www.youtube.com/watch?v=1mvKhUUcLB0>

favourite fruit in your family? NB – Fruit can be changed

Create a tally chart, pictogram and bar chart to show what you have found out. Write some information sentences about what you found out. Share this information with your family via video call/phone call.

Word problems – Revision/Application

Search for Y2 word problems on www.twinkl.co.uk and choose some question sheets to answer. Use written methods explained above for the calculations if needed or children could answer them mentally if they can.

Secret Numbers

Secretly choose a number between 0 and 100. Ask a grown up to ask some questions to find out your secret number. E.g.

Is it less than 50? Is it between 70 and 80? Is it odd? Is it greater than 60? Is it in the 2 times table? Etc. Think carefully about using the correct number language.

Once the number is guessed, swap roles and repeat.

Challenge by using higher numbers.

Position and Direction

Think about a place where you like to walk (maybe the park, the beach, school).

Draw a map of your journey to this place. Ask a grown up to follow your directions around the map. Remember to use your direction words –

Read a selection of the Lighthouse Keeper stories by David Armitage and Rhonda Armitage – you can access videos of these stories on YouTube. Retell your favourite story out of the collection with matching illustrations. Write your own lighthouse keeper story.

Create a new lighthouse keeper that could look after the lighthouse while Mr Grinling goes on holiday. Write a character Description about them with the subheadings – what he/she looks like, what his/her personality is like/what he/she likes to do and other information about them.

Write a story about what happens when your new lighthouse keeper looks after the lighthouse – remember to have a problem in it that gets solved just in time!



Think carefully about the Nature Bug you have created.

Habitats - Can you find out about their habitat? Where do they live? Where will you be most likely to find the bug? What do they need in their habitat to survive?

Draw and label a picture of their habitat.

Habitats

Have a walk at the beach, the park, or the woods. Which micro-habitats can you find? Can you find any living things in the micro-habitat?

*Remember micro-habitats are smaller habitats within a larger

Sing along and make some actions ☺

Other Sea shanties you might listen to and learn are 'Bobby Shafto', 'Drunken Sailor' and a Redcar shanty 'Come Along Brave Boys' which you can find here:

<https://www.youtube.com/watch?v=nBhMnYLG4>

History/ Geography



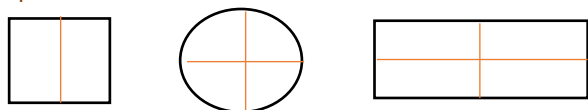
Watch the clip about Grace Darling from BBC Teach:

https://www.youtube.com/watch?v=xCL1x7wHQLY&list=PLCvEcrsF_9zKsCp4fUadIg6ea9Fd5ADrO&index=4

Think about what it was like for Grace living in the lighthouse. Could you draw some pictures of inside the lighthouse? Could you write some sentences to describe your picture?

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| <p>left, right, forwards, backwards, half turn, quarter turn, three quarter turn, clockwise, anti-clockwise.</p> <p>Practise some directions outside – give another family member directions to follow.</p> <p>Money - shopping</p> <p>After you have been shopping or had some shopping delivered, choose 6 different items each costing less than £1. Make a price label for each one, e.g. 39p, 78p. Shuffle the labels. Try to spend some time each day trying one or more of the following activities:</p> <ul style="list-style-type: none"> • Place the labels in order, starting with the lowest. • Say which price is an odd number and which is an even number. • Add 9p to each price in their head. • Take 20p from each price in their head. • Say which coins to use to pay exactly for each item. • Choose any two of the items, and find their total cost. • Work out the change from £1 for each item. <p>Fractions</p> <p>Start with some shapes cut out on paper – square, rectangle, triangle, circle. Practise folding the paper to show half. Colour one half of each of the</p> | <p>Find some Seaside Poems. Practise reading them and reciting them. Find any rhyming words in them. Can you add your own verse to your favourite seaside poem?</p> <p>Poems</p> <p>Watch 'Commotion In The Ocean' by Giles Andraea on You Tube. https://www.youtube.com/watch?v=gpRhgz8Jffs</p> <p>Make a list of the animals in the ocean. Choose 5 of the animals. Draw a picture of each. Then write 2 sentences to explain things you have learned from the poems about each of the animals you have chosen. Using your list of animals, can you think about adjectives to describe each of them. E.g. The <u>Scary</u> swordfish.</p> <p>Writing Instructions</p> <p>Write instructions to help somebody make their own</p> | <p>habitat. E.g. under a log, in a rock pool.</p> <p><u>Living/ Not Living/ Never Been Alive</u></p> <p>While walking, collect some objects that you would keep in Captain Cook's treasure chest e.g. rock, shell, seaweed, fossil, leaf, pine cone etc.</p> <p>Once home, sort your treasure into Living, Not living (dead), never been alive. Think carefully about how we know something is not living (so was once alive – leaf, pine cone), or never been alive. Consider how living things move, grow, eat and drink, use the toilet, have babies or use their senses. Add some of your own to 'living' as you will not be able to bring these home! 😊</p> <p><u>Shoebbox Habitat</u></p> <p>Can you make a Shoebbox habitat for an animal of your own choice?</p> | <p>Now watch Grace tell her life story, 'The Life and Story of Grace Darling', also BBC Teach:</p> <p>https://www.youtube.com/watch?v=Yv3eS40j0N0</p> <p>After you watch this clip maybe you could:</p> <ul style="list-style-type: none"> • make a picture story map of her life. • write her story by using your picture story map. • create a picture of her in the boat. <p><u>DT : Decorating some Lighthouse Bunting for Mrs Grinling (Lighthouse Keeper's Lunch)</u></p> <p>As a way of saying thank you to Mrs Grinling for her lovely lunches, Mr Grinling would like to make some bunting to decorate the kitchen. On each bunting triangle he would like a different picture.</p> <p>Using a piece of paper draw some ideas for the bunting pieces. E.g. Hamish, a</p> |
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shapes. Can you use more shapes to fold and show quarters? (fold in half, then in half again). Colour one quarter or three quarters of each shape.



Remember all parts must be equal (the same). Repeat with different shapes.

Fractions of Numbers

Use counters/ cubes/ dried pasta/ sweets to help with the following activity.

Start with 20 counters. How can we find half of 20? Link to dividing by 2 (sharing). Use 2 paper plates (or something similar) to share into 2 equal groups.

Record as:

The whole is _____. Half of _____ is _____.

In this case :

The whole is **20**. Half of **20** is **10**.

Also, try to record as a fraction:

$\frac{1}{2}$ of 20 is 10.

Repeat this activity with other even numbers.

Fact Families

Investigate fact families by beginning with an addition within 20. E.g.

$$12 + 8 = 20$$

instrument. Remember to make your own first so that you know how to write your instructions (see topic). Include a title, then sub headings (You will need, What to do). Try to use bossy verbs, bullet points.

Writing

Read 'The Lighthouse Keeper's Breakfast' or listen to the story here:

<https://www.youtube.com/watch?v=TjP2ZmLVd1U>

Make a list of any new words that you have heard. Can you find out what they mean?

Mr and Mrs Grinling dress up as pirates. Draw a picture of a pirate. Then write at least 6 sentences about pirates, thinking carefully about how the Grinlings act in the story. Try to include conjunctions (words joining 2 sentences together) – and, but,

You can choose from a variety of habitats you have been learning about, then design and make it! Some examples:



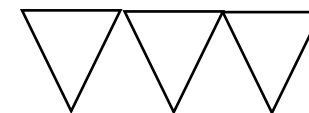
An ocean habitat



A rainforest habitat

Have fun with your design and please remember to send pictures to the email address. We would love to see your designs!

lighthouse, a basket, a bunch of flowers, a shell, a rainbow. Decide on 6 pictures for your bunting. Maybe one piece should say 'Thank you'. Using a piece of card or paper make a template shape of your bunting. Use this to cut out all your bunting shapes on paper, card, material.



Use some ribbon, string, wool or tape to join your bunting together.

What are the other facts we know in this fact family? You should be able to find 2 addition and 2 subtraction in each family.

Example: $12 + 8 = 20$

$$8 + 12 = 20$$

$$20 - 8 = 12$$

$$20 - 12 = 8$$

because, or, while, unless, although.

Write a recount of the story. Try to include some of the new words that you now know from the story.

Spelling – Adding s and es to make plurals

When a word ends in y and you want to add es, you must first change the y to an i. Example –

Pony = ponies.

Baby – babies.

Practise with the following words:

penny, copy, fly, lorry,

story, sky, lolly.

Can you add any more to the list?

Write some sentences using the new plurals from your list.