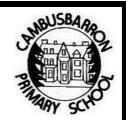
Early Level



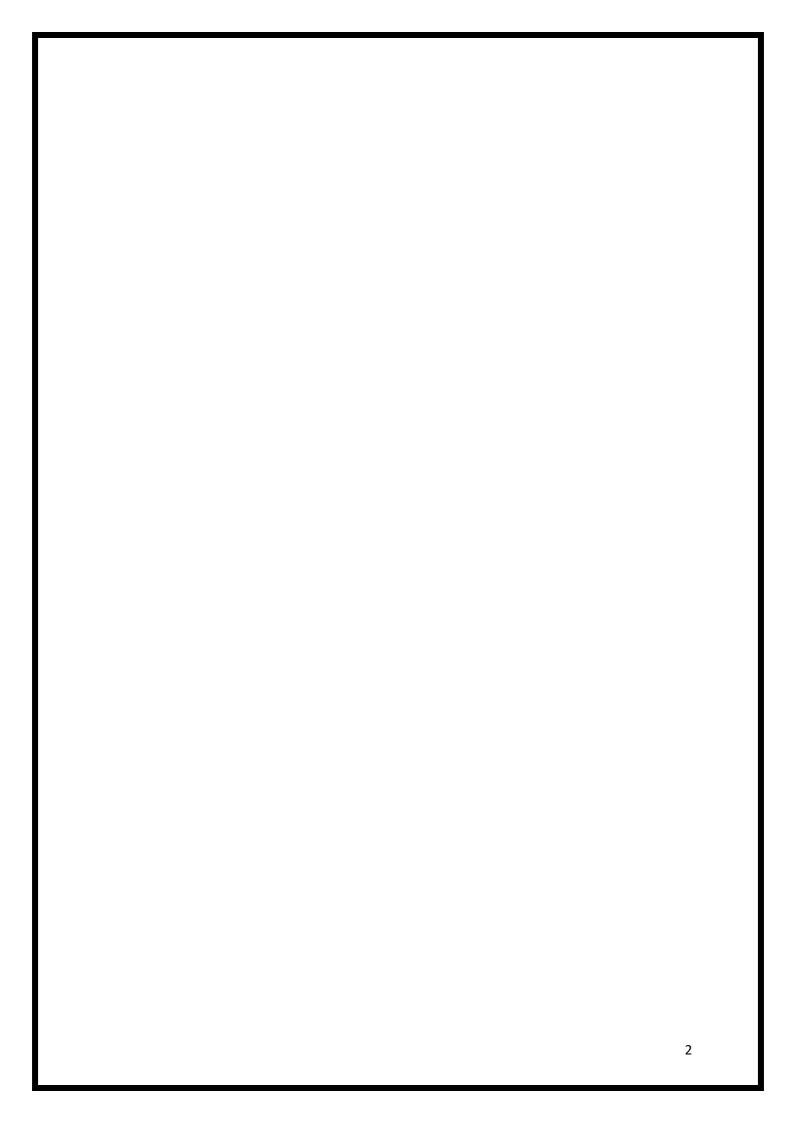
Home Learning Pack



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Number and number processes

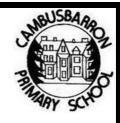
I have explored numbers, understanding that they represent quantities, and I can use them to count; create sequences and describe order. MNU 0.02a

I use practical materials and can 'count on and back' to help me understand addition and subtraction, recording my ideas and solutions in different ways. MNU 0-03a

- Explains that zero means there is none of a particular quantity and is represented by the numeral 0.
- Recalls the number sequence forwards within the range 0 30, from any given number.
- Recalls the number sequence backwards from 20.
- Identifies and recognises numbers from 0 to 20.
- Orders all numbers forwards and backwards within the range 0 20.
- Identifies the number before, the number after and missing numbers in a sequence within 20.
- Uses one-to-one correspondence to count a given number of objects to 20.
- ldentifies 'how many?' in regular dot patterns, for example, arrays, five frames, ten frames, dice, and irregular dot patterns, without having to count (subitising).
- Groups items recognising that the appearance of the group has no effect on the overall total (conservation of number).
- Uses ordinal numbers in real life contexts, for example, 'I am third in the line'.
- Uses the language of before, after and in-between.
- Counts on and back in ones to add and subtract.
- Doubles numbers to a total of 10 mentally.
- When counting objects, understands that the number name of the last object counted is the name given to the total number of objects in the group.
- Partitions quantities to 10 into two or more parts and recognises that this does not affect the total.
- Adds and subtracts mentally to 10.
- ➤ Uses appropriately the mathematical symbols +, and =.
- Solves simple missing number problems

Number formation

- Practise writing numbers copying from an example, and without looking.
 Remember to check that you have it the right way round.
- We do not count 5,6,7,8 P! 2,5,8 and 9 are really tricky so focus on getting these
 the right way round.



Ordering numbers

- Play fastest fingers hand behind your back to start. Race your family to see who
 can show the number guickest. (remember thumb is always 1)
- Sing number songs.
- Can you make up a new song for a teen number?
- Clap and count forwards from 0 to 30.
- Clap and count backwards from 20 to 0.
- Stairs challenge: count forwards as you go upstairs, count backwards as you come down again.
- Order your number cards from 0-20. Time yourself to see how quickly you can do
 it. Keep a record and see how much quicker you get.
- Ask someone in your family to hide some of the cards what is missing?
- Choose random numbers from your set (4, 6 or 8 cards) put them in order from smallest to biggest. Can you say what the missing numbers are? Top tip: find the smallest number then find the biggest number, then fill in the middle.
- Ask family to hide your number cards around the room (or house) go on a number hunt and order them as you find each one.
- Have a number hunt out and about or in your house. You could keep a tally of the numbers you have found or take photos of them. Which room in your house has the most numbers in it? Why do think that is?
- Have a number relay race with your family. Put the number cards as far away as
 you can then race to collect one at a time until you have your full set (can you
 collect them in the right order?)
- CHALLENGE: Use your number square to count beyond 30. Can you count all the way to 190?
- SUPER CHALLENGE: Can you count in 2s,5s or 10s?
- Cut out your cutting number square can you match the numbers up to master square?
- Top marks teddy counting https://www.topmarks.co.uk/learning-to-count/teddy-numbers
- Top marks underwater counting https://www.topmarks.co.uk/learning.tocount/underwater-counting
- Top marks ladybird counting and matching https://www.topmarks.co.uk/learningto-count/ladybird-spots
- Top marks gingerbread man game https://www.topmarks.co.uk/learning-to-to-count/gingerbread-man-game
- Top marks caterpillar ordering https://www.topmarks.co.uk/ordering-and-sequencing/caterpillar-ordering



- Top marks coconut ordering (numbers or prices up to 10p)
 https://www.topmarks.co.uk/ordering-and-sequencing/coconut-ordering-
- Paint the squares (numbers to 100) https://www.topmarks.co.uk/learning-to-count/paint-the-squares

Before and After

- Use your number cards to order numbers from 0-20 in a line.
- Choose a card and say the number before and the number after whilst looking at the number line.
- Take away the before and after numbers and say what they are.
- Play the before and after speed game. Ask someone in your family to say a random number - can you tell them the number after? Or the number before? e.g. what comes after 11? What comes before 6?
- Play before and after around the house as you discover numbers on your number hunt ask what is 1 more than...? Or what is 1 less than?

Subitising

- Collect 20 (30) objects or small toys from around the house something like Lego or Moshi monsters (similar sized objects) Randomly place some infront of your child. Ask them to say how many? Then check by counting them. With smaller numbers they should be able to just know ((subitise)) how many with larger numbers they might need to count.
- Draw some dot patterns for your child to explore these could be regular or irregular. Can they subitise the amount? (make up examples and take photos for dojo to explain)
- Number talks pictures from ppt / dot pattern cards talk with your child about what they can see? How many dots are there? How do they know??

Conservation of number (Number Groupings)

- Use your small toys or objects to make groups of 5 or 10. Choose a number and count out that many. Put the other objects to one side. How many different ways can you group the objects? CHALLENGE: Write number sentences to show your groupings. e.g. 3 + 2 = 5, 7+3 = 10. 4+6=10
- Try making groupings for 3,4,6,7,8,9.
 E.g. 5 + 4 = 9. How many different number sentences can you create?



Ordinal Numbers

- Make a teddy parade with your soft toys. Line them all up from biggest to smallest, or smallest to biggest, or in a random order. Can you say which toy is first? Last? In the middle? Next to the.....? In front of, behind?
- Ask your child to help you complete some chores around the house (Cook dinner, bake a cake, fold the laundry.....) Talk about what you need to do first, second, next, after that, then and finally. See if they can remember and tell you the order once they have finished.
- Make a visual timetable of your day -talk about what you are doing first; next, after that, in between lunch and tea etc.

Using efficient adding strategies (count on)

- Practise addition. Write a number sentence for your child to complete (up to 10/20) Use count on to add, so put the first number in your head (bloop) then count on using fingers. E.g. 5+3 = put 5 in your head bloop 6,7,8. 5+3 = 8.
- Use toys or small objects to create addition sums. CHALLENGE write the sum you have created on a whiteboard.
- Make some missing number sums e.g. 5 + ? = 8 "What's the missing number?"
- Starfall addition machine https://www.starfall.com/h/addsub/add-machine-e-1/3sn=math1--math0
- Topmarks mental maths train (CH) (+ up to 10) https://www.topmarks.co.uk/maths-games/mental-maths-train
- ©urious George museum of ten (CH) https://pbskids.org/curiousgeorge/busyday/ten/

Subtraction (within 10)

- Place out a random number of objects (up to 5, CH 10) Hide some. Can you child work out how many are missing by counting on? Can they count back from thee total to see how many are missing?
- CHALLENGE: Can you create a number sentence to show the sum? 5-2 =
- Make some missing number sums -5 ?=3. What's the missing number?

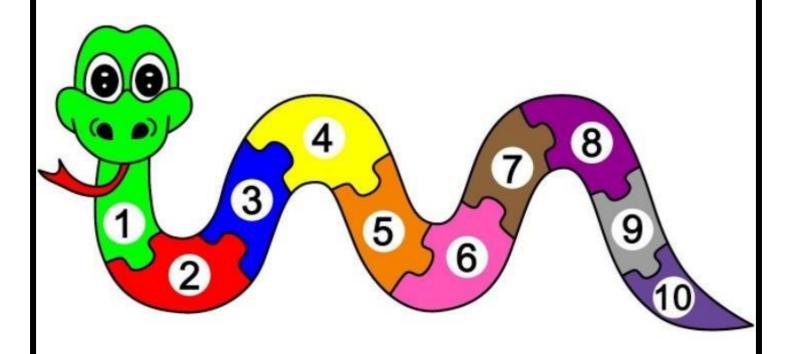


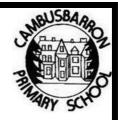
Doubles to 10

- Use fastest fingers to make doubles to 5. (1 and 1 makes....)
- Use your small toys to make matching sets what is the total?
- Make 2 Lego towers. Make sure each tower in the same height. Can you find the total of your 2 towers?
- Make a doubles matching game draw/lady/birds/with double spots on some cards and the totals on others C Can your match them up?

Place value

- Use your tens and ones cards to make numbers. Place them in the correct spot on
 your tens and ones boards (remember 10 is all full up so not allowed in dr
 knickerbockers house) write how many tens and ones you have in the boxes.
- Ask family to make a teen number with your tens and ones for you to write.
- Make a number and say how many tens and ones you have.
- Tens frame manipulative https://www.coolmath4kidss.com/manipulatives/ten-framee





Literacy ideas

Tools for reading and writing

I explore sounds, letters, and words, discovering how they work together, and I can use what I learn to help me as I read and write. LtTo0+13atHTo0+21a

As I play and learn, I enjoy exploring interesting materials for writing and different ways of recording my experiences and feelings, ideas and information. LIT 0-21b

- Hears and says patterns in words.
- Hears and says the different single sounds made by letters.
- Hears and says blends/sounds made by a combination of letters.
- Uses knowledge of sounds, letters, and patterns to read words.
- Uses knowledge of sight vocabulary/tricky words to read familiar words in context.
- Forms most lowercase letters legibly.
- Uses a pencil with increasing control and confidence.
- Knows the sounds of lowercase and some uppercase letters.
- Leaves a space between words when writing.
- Writes words from left to right.
- Makes an attempt to spell familiar words correctly.
- Makes an attempt to use a capital letter and a full stop in at least one sentence.

Rhyming

- Share songs and rhymes with your child and use your voice to help them recognise the rhyme in the words. For example, "Jack and Jill went up the hill". Leave out words and see if they can fill in the blanks.
- You can draw pictures of objects that rhyme or cut out rhyming pictures found in magazines and make a rhyming poster with them.
- Play a simple rhyming game, where you think of words that rhyme with different body parts such as "head" or "eye."
- Create a word family chart from various rhyming words. You can use rhyming words from a story or nursery rhyme to pull words for the chart.

Letter formation

- Practise writing letters copying from an example and then try without looking.
 Remember to check that you have the letters the right way round.
- Stick your child in a bath or shower cubicle with a handful of shaving cream to smear and write in. For a more tactile experience, let your child use the whole hand as well as just the fingers!



Literacy ideas

 Draw the letter with chalk and then have your child trace the letter with a piece of wet sponge. Your child can also use their index finger to trace your letter before or after the wet sponge is used.

Dictated writing

- Initially only dictate letter sounds that have been taught e.g. "I want you to write
 the sound "/b/". After they have written it down, show them the sound and if they
 have formed it correctly, they may like to tick it. Then go on to the next sound. It
 provides the children with the necessary practise of writing the letter sounds.
- When your child can hear most of the sounds in words, e.g. dog is made up of a d-o-g, start dictating simple, regular words e.g. "cat, mat, pig" etc. Afterwards they can tick each sound that is correct.
- When your child is starting to attempt sentences, dictate simple sentences for them
 to write down. Always remember to discuss capital letters full stops, and finger
 spaces before you start and encourage them to check over their sentence at the end iff
 they have forgotten anything. Some dictated sentences could be "A cat sat on a
 mat." or "Big dog can run." etc.

Phonics

- There are numerous phonics games you can play with your child. Here are some ideas:
 - Bingo! reading and spelling different sounds or words on a bingo board. Your child could read or spell different sounds or words and win bingo if they can read or spell the sounds or words correctly.
 - Word or sound hunt finding sounds, words and keywords hidden around your home.
 - Matching pairs finding and reading matching sounds or words. Word or sound cards could be hidden for your child to find.
 - Silly voices say sounds in a high, low, happy, or grumpy voice.
 - 'Skip to it!' run, jump, hop or skip to a certain word.
 - 'Fishing for phonics' 'fish' 'for words or sounds written on ping pong balls. The balls could be in the bath or hidden in the house. Your child could use a net to try and catch the balls.
 - Sing an alphabet song have lots of fun learning an alphabet song. Then point to a letter and ask your child to tell you both its letter name and sound.
- Make up individual sound cards and have the children say the sounds and the RWI rhyme. Encourage your child to use the sound cards to make up simple words such as c-a-t or d-o-g, once they know their special friends they could try making up CCVC words too such as sh-i-p or ch-a-t.



Literacy ideas

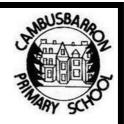
Fine motor and pencil control

- Placing clothes pegs/bulldog clips around the edge of a container.
- Picking up small objects using tongs and then tweezers.
- Threading beads.
- · Picking up cards.
- Fill a medicine dropper (or mini turkey baster) with paint and drop onto paper.
- Playing with squirt gun or squirt bottles with a trigger action.
- Drawing on a brick wall with chalk and then using a squirter and water to remove the chalk marks.
- Posting coins into a box with a slot in the lid.
- During craft activities, use stickers or mini stampers, holding with the thumb, index, and middle fingers only.
- Transfer water from one container to another using a turkey baster or medicine dropper.
- Pop bubble wrap.
- Making paper clip chains.
- Playdough modelling.
- Use felt-tips and crayons that are thicker and shorter. Very short crayons cannot be held with a whole hand grasp.
- Ask your child to hold a small sponge or eraser in their hand with their little and ring fingers and then hold a pencil with the other fingers.

Red words

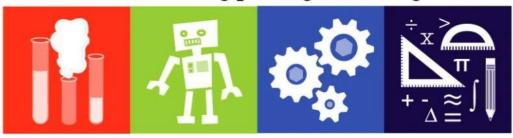
Red Words Set 1						
I	the	my	you	said		
your	are	be	of	no		

- There are numerous red word games you can play with your child. Here are some ideas:
 - Dominoes Have some red words with domino spots on the back. One child rolls the dice, and then picks up a domino with that number of spots on. They try to read what the tricky word says.
 - Snap This is a 'red word' version of the classic card game. Have lots of flashcards of a few red words and get your child to deal out a piletto whoever is playing (or deal for them if necessary). Then they take turns to put one card on the table and say what they think it is. Then the next player puts one on top and says it. Continue until you get two the same, and the winner is the person who puts their hand on them first and shouts 'Snap!'



S.T.E.M ideas

science • technology • engineering • math



CFE Experience and Outcome	Activity	Resources
I have helped to grow plants and can name their basic parts. I can talk about how they grow and what I need to do to look after them. SCN 0-03	Plant some seeds and watch them grow. Keep a diary on what happens every day and how you have helped your plant grow.	Paper, pencil, camera (optional), seed (apple seed or similar), mud, water, yoghurt pot.
I enjoy working exploring and working with foods in different contexts. TCH 0-04a	What happens if you mix oil and water together?	Water, vegetable oil, see-through glass
I enjoy investigating objects and shapes and can sort, describe and be create with them. MTH 0-16a	Go on a shape hunt. Which is the most common shape found within your house? Can you find circles, squares, triangles, rectangles?	Paper, pen
I can explore digital technologies and use what I learn to solve problems and share ideas and thoughts. TCH 0-01a	Using a stop motion app (I suggest "Stop motion Studio" but any app will be fine) and using a few different objects or toys, create a stop motion movie.	Tablet/Smart phone, Stop motion app, toys
By investigating how water can change from one form to another, I can relate my findings to everyday experiences. SCN 0-05a	What happens if you mix corn-starch and water? Try it out and see! Is it a solid or a liquid?	Corn-starch, water, bowl
I know how to stay safe when using electricity. I have helped to make a display to show the importance of electricity in our daily lives. SCN 0-09a	Do batteries really power the world? Go on a scavenger hunt around the house to find things powered by batteries.	Camera, paper, pencil
I have experienced, used, and described a wide range of toys and common appliances. I can say 'what makes it go' and say what they do when they work. SCN 0-04a	Find six things that are held together with screws. Pick one and use a screwdriver to look inside. (Adult supervision required)	Screwdriver
Through creative play, I explore different materials and can share my reasoning for selecting materials for different purposes. SCN 0-15a	Make your own playdough!	Plain flour, salt, water, food colouring optional





Through creative play, I explore different materials and can share my reasoning for selecting materials for different purposes. SCN 0-15a	Make homemade bird feeders and watch the birds every day as they come to visit.	https://www.bbc.co.uk/cbeebies/make s/bird-feeder
I have observed living things in the environment over time and am becoming aware of how they depend on each other. SCN 0-01a		
Through everyday experiences and play with a variety of toys and other objects, I can recognise simple types of forces and describe their effects. SCN 0-07a	Sort your toys into different categories and ways you play with them. Categories can include: "push" "pull", "requires batteries", "doesn't require batteries" "plastic" "soft'	A selection of Toys
By investigating how water can change from one form to another, I can relate my findings to everyday experiences. SCN 0-05a	Investigate the properties of water – what happens if I put water in the freezer? What happens if I leave ice out for a little while?	Water, Freezer
I have experienced the wonder of looking at the vastness of the sky, and can recognise the sun, moon and stars and link them to daily patterns of life. SCN 0-06a	Go outside in your garden at night and look at the night sky. Keep a diary of how the moon changes over a week. Can you find different stars?	Paper, Pencil Looking at the stars; https://www.ducksters.com/science/physics/constellations.php
Through play, I have explored a variety of ways of making sounds. SCN 0-11a	Make your own musical instrument using a tub and some rice or beans. Other ideas available on the link.	Plastic Tub, Rice/beans https://redtri.com/homemade- instruments/slide/1
Through creative play, I explore different materials and can share my reasoning for selecting materials for different purposes. SCN 0-15a	Make a waterproof pirate ship which floats. What is the best material to use?	Tinfoil, paper, cardboard, cocktail sticks,
I have observed living things in the environment over time and am becoming aware of how they depend on each other. SCN 0-01a	Make a wormery	Mud Suitable container https://www.youtube.com/watch?v=7 Mab5vicCOc
I explore ways to design and construct models. TCH 0-09a	Visit "kidsinventstuff" and watch their monthly challenge. Submit your entry to be entered into the monthly competition.	https://kidsinventstuff.com/
I can explore digital technologies and use what I learn to solve problems and share ideas and thoughts. TCH 0-01a	Coding through an online beebot game or download the Bee-bot app from the App store	https://www.terrapinlogo.com/emu/b eebot.html

CHINAL SCHOOL

Fun ideas

- Ouse the ideas from the <u>Yeti Mindset website</u> to create a den in your house. Or, create a den outdoors.
- Have a <u>cinema day</u> with popcorn and homemade tickets.
- Set up a tent indoors / in the garden and have a night of camping! You can <u>make your own tent</u> using materials you may have around the house.
- Play bingo at home. <u>Make your cards</u> and have someone call the numbers (an app can help with this).
- Dress up! Design outfits from clothes ground the house.
- Put on a fashion show.
- Watch <u>Newsround</u> to find out about events in our country and around the world.
- Play Simon Says a simple but fun game!
- Make a jigsaw puzzle from an old picture, greetings card or food box (e.g. cereal box). Or, you can draw your own picture and glue to some cardboard (e.g. from a cereal box) to make into a jigsaw. Mix up the pieces and solve your puzzle.
- Go stargazing in the evening and enjoy the night sky!
- Play a board game.
- Try pressing flowers.
- Make a daisy chain.
- Play noughts and crosses.
- Play a game of cards.
- Do a match box treasure hunt. Each person needs to hunt around the house for a set amount of time looking for tiny items to fill their match box. The winner is the person who has the most items in their box at the end. This can also be done outdoors on a walk, searching for natural objects to fit into the box.
- Help an adult to cook a meal.

- Make a playlist of songs and have a family disco at home! Ensure everyone has the chance to choose their favourite songs.
- Plant seeds to make an indoor garden or to grow your own vegetables.
- Make greetings cards to be kept for special occasions.
- Make up a dance routine. Choose some music to go with your dance and perform for your family audience!
- Try some of the fun daily live activities.
- Make a scrapbook or <u>travel journal</u> from a holiday or special place you have visited.
- Try some yoga (e.g. Cosmic Kids Yoga).
- Develop your memory playing "Kim's game".
- Go on a walk and create a map of the walk when you return home.
- Study the weather. You can set up your <u>own weather</u> <u>station</u>. You could even film your own weather report!
- Make a scene (diorama) /room using a shoebox.
- Make a comic / story.
- Make a <u>nature wand</u> using twigs and natural materials.
- Make slime / gloop / playdough.
- Blow bubbles outside.
- Decorate a window in your house with art pieces you have made.
- Try some "magic painting" with water outside.
- Watch a film and write a film review. Share with your family and friends.
- Read a book and write a <u>book review</u>. Share with your family and friends.
- Complete a Paw Print Challenge.

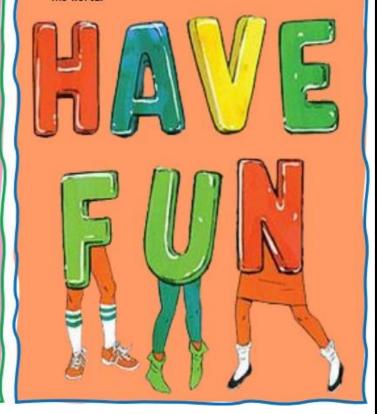


THINNY SCHOOL

Fun ideas

- Carry out a <u>mindfulness</u> activity (e.g. <u>mindfulness</u> <u>colouring</u> / <u>listening</u> to <u>relaxing music</u>).
- Learn a new dance. Follow a <u>Go Noodle</u> dance / mindfulness activity.
- Enjoy a science experiment at home. You can even complete activities to work towards a <u>Crest Award</u>.
- Complete some Lego challenges.
- Use an old sock to create a puppet.
- Make homemade musical instruments.
- Try some new activities to earn a <u>Blue Peter Badge</u>.
- Film a TikTok and share with close friends and family.
- Use items found around the house to play shops.
- Most a living room carnival!
- Host a karaoke with your family. Sing your favourite songs together!
- Send a video message to a friend / member of your family. Tell them the best things you like about them.
- Make a homemade bird house.
- Have an indoor Teddy Bears picnic!
- Make ice lollies, e.g. with diluting juice and water.
- Play hide and seek.
- Play dominoes.
- Make <u>smoothies</u> for your family.
- Carry out some chores to help at home.
- Enjoy some garden bird spotting.
- Make paper geroplanes.
- Make a paper doll chain.
- Build a <u>bug hotel</u> in your garden / outdoor space at your home.
- Make a cress head and watch it grow.
- Enjoy a workout.

- Make a <u>string telephone</u> and have fun listening to and giving messages using your phone.
- Try some pebble or rock painting / decorating.
- Learn some religious stories from the <u>Bible</u> and <u>other</u> world religions.
- Use potatoes or other fruits / vegetables to try some printing.
- Make a sun catcher.
- Use a piece of kitchen roll as the canvas for <u>beautiful</u> art <u>designs</u>.
- Watch <u>Horrible Histories</u> to learn about times in the past.
- Watch the <u>Go Jetters</u> to learn about new places around the world.







Useful Links

Numeracy & Mathematics

https://www.starfall.com/h/

www.sumdog.com

www.mathplayground.com

www.bbc.co.uk/bitesize/subjects/zjxhfg8

www.echalk.co.uk/Primary/numeracy.html

www.topmarks.co.uk/maths-games/

www.oxfordowl.co.uk/for-home/kids-activities/fun-mathsgames-and-activities/

www.mathsframe.co.uk

www.mathsisfun.com

www.mathshed.com

www.prodigygame.com/

www.transum.org/software

www.nrich.maths.org/primary

www.matr.org/blog/fun-maths-games-activities-for-kids/

www.whiterosemaths.com

www.plprimarystars.com/resources/maths-sample-pack

Number bonds & Times Tables

www.timestables.co.uk

www.topmarks.co.uk/maths-games/hit-the-button

https://ttrockstars.com/

www.ictgames.com

www.primaryhomeworkhelp.co.uk/maths/timestable/interactive.html

www.studyzone.tv

www.mathszone.co.uk

Spelling

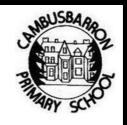
https://www.spellingcity.com/ - free right now with code VSCFree90

www.aaaspell.com/

www.spellzone.com/

www.spellingshed.com/e-gb

www.british-sign.co.uk/fingerspelling-game/



Useful Links

Reading & Phonics

https://www.scottishbooktrust.com/authors-live-on-demand

https://www.storylineonline.net/

https://www.funbrain.com/

https://www.seussville.com/

https://readingeggs.com/

www.freechildrenstories.com

www.phonicsplay.com.uk/freeindex.htm

www.oxfordowl.co.uk/for-home/

www.teachyourmonstertoread.com

www.readwithphonics.com

www.ictgames.com/literacy.html

www.phonicsbloom.com/

www.letters-and-sounds.com/

www.epicphonics.com/

www.doorwayonline.org.uk/

www.lovereading4kids.co.uk/kids-zone/

www.topmarks.co.uk/english-games/5-7-years/letters-and-sounds

Writing Stimulus & understanding stories

www.literacyshed.com

www.onceuponapicture.co.uk

www.wordcentral.com/buzzword/buzzword.php

Other curricular areas

https://supersimple.com/

https://climatekids.nasa.gov/

www.cosmickids.com/

www.headspace.com/meditation/kids

www.healthforkids.co.uk/

www.gonoodle.com/

https://classroomsecrets.co.uk/free-home-learning-packs/

https://www.twinkl.co.uk/l/19u8lb

http://www.ictgames.com/mobilePage/index.html

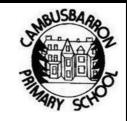
https://thedadlab.com/

www.primaryresources.co.uk

www.kids.nationalgeographic.com

https://kids.sandiegozoo.org/index.php/animals

https://www.nps.gov/.../lea.../photosmultimedia/virtualtours.htm



Useful Links

https://bamboolearning.com/resources - learning through Alexa

https://www.highlightskids.com/

https://musiclab.chromeexperiments.com/Experiments

http://www.clubscikidzmd.com/blog/

https://www.artforkidshub.com/

https://kahoot.com/ online guizzes

www.mysteryscience.com

www.dkfindout.com/uk/

www.classroommagazines.scholastic.com/support/learnathome.html

www.theimaginationtree.com/stay-at-home-survival-guide/

www.redtedart.com/

www.duolingo.co/welcome

www.uk.ixl.com

www.bbc.co.uk/

