

# Second Level



## Home Learning Pack

# Contents Page

p2	Overview
p3	Numeracy ideas
p6	Literacy ideas
p9	S.T.E.M ideas
P12	Fun ideas
p15	Useful links





# Numeracy ideas

## Number and number processes

I have extended the range of whole numbers I can work with and having explored how decimal fractions are constructed, can explain the link between a digit, its place, and its value. **MNU 2-02a**

Having determined which calculations are needed, I can solve problems involving whole numbers using a range of methods, sharing my approaches and solutions with others. **MNU 2-03a**

I have explored the contexts in which problems involving decimal fractions occur and can solve related problems using a variety of methods. **MNU 2-03b**

I can show my understanding of how the number line extends to include numbers less than zero and have investigated how these numbers occur and are used. **MUN 2-04a**

- Count up to 100, 000 and beyond
- Order numbers to 100, 000 and beyond
- Place non-consecutive numbers in order of size
- Write numbers to 100, 000 and beyond
- Read numbers to 100, 000 and beyond
- Partition numbers e.g.  $450, 678 = 400, 000 + 50, 000 + 600 + 70 + 8$
- Identify the value of digits in numbers (including numbers to 3 decimal places)
- Read, write, and order numbers to 1 decimal place
- Read, write, and order numbers to 2 decimal places
- Read, write, and order numbers to 3 decimal places
- Use decimals to 3 places in practical measurement
- Order positive and negative numbers
- Use positive and negative numbers in real life contexts
- Add and subtract along the number line using positive/negative numbers
- Mentally add and subtract whole 2-digit numbers involving multiples of 10
- Mentally add and subtract 2-digit numbers including decimals
- Add and subtract without a calculator for up to and beyond 4 digits
- Add and subtract decimals up to 4 digits with at most 1 decimal place
- Add and subtract decimals up to 4 digits with at most 2-decimal place
- Mentally multiply and divide whole 2-digit numbers by a single digit
- Mentally multiply and divide 4-digit numbers by a) 10 b) 100 c) 1000
- Multiply and divide any whole number by a multiple of 10 or 100
- Multiply and divide decimals up to 4 digits with at most 1 decimal place
- Multiply and divide decimals up to 4 digits with at most 2-decimal place
- Multiply and divide without a calculator for up to and beyond 4-digit numbers by 1 digit.
- Add, subtract, multiply and divide with at least 4 digits with at most 3 decimal places
- Multiply tenths, hundredths, and thousandths by a) 10 b) 100 c) 1000
- Divide decimals (at most 2dp) by a) 10 b) 100 c) 1000
- Identify vocabulary in order to determine which processes are needed to solve problems
- Apply addition, subtraction, multiplication, and division skills to a) money b) measure
- Understand the order of operations when solving problems **DMAS** ( $\div$   $\times$   $+$   $-$ )



# Numeracy ideas

## Place Value

- <https://www.bbc.co.uk/bitesize/topics/zm982hv/articles/zdhfy9q>
- Millionaire Place Value - Players draw 4 joined boxes in a horizontal line. The lead player has a standard pack of playing cards and shuffles them, turns the top card, and calls out the number. The player must choose a box to write this number in. The lead player also does this in secret. The cards are turned and called until all four boxes are filled (you cannot make changes). Both players then display // say their number. If the player gets a higher number than the lead player, they get 5 points. Equal to the lead player they get 3 points. Lower than the lead player 1 point. This game can be adapted to higher numbers by increasing the number of boxes or a decimal point can be added to change the numbers into decimals or pounds and pence.
- Place Value Game - On long strips of paper make place value charts, writing the words (units, tens, hundreds, etc.) under the blank line where a number will be placed. With a partner and a deck of cards the children shuffle the deck and then pass out the predetermined number of cards according to how far you want them to learn place value. Hundred, thousands, would be 6 cards, millions 7 cards, 10 million 8 cards, etc. Cards are face down in a pile. Face cards equal 1, aces are 0, and everything else what they say. They are trying to make the largest number possible to win (or smallest). Both players turn over a card at the same time and decide where to place it. Once placed it must stay there. You must be able to say the number you made to win the pile of cards.
- Investigate planets and their distances from earth. Round them to the nearest million, tens of thousands.
- Investigate Lottery winners
- Place Value Bingo - Have pupils make up their own number with whatever number of digits you suggest. For instance, "make a number with a whole number in the thousands and decimal places to the hundredths." A pupil might use the number: 2781.94. Then, start calling off place value positions and numbers. The first person that has all of their place value positions/values called wins!

## Decimals

- <https://www.bbc.co.uk/bitesize/topics/zm982hv/articles/zn9wjhv>
- An introduction to decimals <https://www.youtube.com/watch?v=t9vqm2eM5mk>
- Draw a number line on paper (from 0.0 to 10.0, with markings for each tenth). Explain that you are starting at a certain point (e.g. 5.2). Tell the children that you move five tenths forward and 9 tenths backwards. Ask them where you are now.

# Numeracy ideas

- Investigate and explore athletes running times  
<https://www.worldathletics.org/records/all-time-toplists/sprints/100-metres/outdoor/men/senior>
- A wide range of activities: <https://www.teachingideas.co.uk/subjects/decimals>
- Create 'ways to write a decimal' cards that contain the standard form, word form and expanded form.

## Multiplication and Division

- <https://nrich.maths.org/13788>
- Practise times tables forwards and out of order. Create cards with the sum on one side and the answer on the back for quick checking. <https://www.timestables.co.uk/>, <https://www.topmarks.co.uk/maths-games/7-11-years/times-tables>
- Create a PowerPoint presentation to explain how to work out multiplication/division. How would you show this?
- Use a random number picker (?) multiply this number by 10, 100 and 1000. What do you notice? Do the same but this time divide the number by 10, 100 and 1000.
- Multiply 1-place decimal numbers and win points. One player spins a 1-9 spinner twice or uses number cards and writes the digits as a decimal with tenths. For example, 3.4. Roll the dice and multiply your decimal by the dice number. Work out your answer. Players check each other's answers, using a calculator if needed. If you are correct, you win points equal to the tenths digit of your answer. For example,  $7.5 \times 5 = 37.5$  would win 5 points. Keep taking turns to play until someone wins 50 points.

## Negative Numbers

- <https://www.bbc.co.uk/bitesize/topics/zm982hv/articles/zmg9kmn>
- Measure the temperature outside (preferably during winter) and calculate rise and fall.
- Be the closest to zero after five turns. Each player draws an empty number line with zero in the middle. You will start from zero. One player starts. Roll a die. This is the number you will move on your number line. Toss a coin (heads you count on, tails your count back). Draw on your number line to match the dice and coin. Take turns to roll the dice, toss the coin and record on your number line. After five turns each, work out how far away you are from zero. The winner is the person whose number is closest to zero.
- Add and subtract positive and negative numbers e.g.  $-4 + -2$   
<https://www.bbc.co.uk/bitesize/guides/z77xsbk/revision/2>

# Literacy ideas

<h2>Tools for reading and writing</h2>	<p style="text-align: center;"><b>Writing</b></p> <p>I can spell most of the words I need to communicate, using spelling rules, specialist vocabulary, self-correction techniques and a range of resources. <a href="#">LIT 2-21a</a></p> <p>In both short and extended texts, I can use appropriate punctuation, vary my sentence structures, and divide my work into paragraphs in a way that makes sense to my reader. <a href="#">LIT 2-22a</a></p> <p>Throughout the writing process, I can check that my writing makes sense and meets its purpose. <a href="#">LIT 2-23a</a></p> <p>I consider the impact that layout and presentation will have and can combine lettering, graphics, and other features to engage my reader. <a href="#">LIT 2-24a</a></p>
<p style="text-align: center;"><b>Reading</b></p> <p>I can select and use a range of strategies and resources before I read, and as I read, to make meaning clear and give reasons for my selection. <a href="#">LIT 2-13a</a></p> <p>Through developing my knowledge of context clues, punctuation, grammar, and layout, I can read unfamiliar texts with increasing fluency, understanding and expression. <a href="#">ENG 2-12a / ENG 3-12a / ENG 4-12a</a></p>	<p style="text-align: center;"><b>Reading</b></p> <ul style="list-style-type: none"> <li>➤ Reads with fluency, understanding and expression using appropriate pace and tone.</li> <li>➤ Uses knowledge of context clues, word recognition texts, grammar, punctuation, and layout to read unfamiliar texts with understanding.</li> <li>➤ Applies a range of reading skills and strategies to read and understand texts, for example, skimming, scanning, predicting and/or clarifying.</li> <li>➤ Makes appropriate predictions about texts with supporting evidence.</li> <li>➤ Uses strategies and resources to read and understand unfamiliar vocabulary.</li> </ul> <p style="text-align: center;"><b>Writing</b></p> <ul style="list-style-type: none"> <li>➤ Applies knowledge of spelling patterns, rules, and strategies to spell most words correctly.</li> <li>➤ Uses resources, including dictionaries and digital technology, to support spelling.</li> <li>➤ Uses a range of punctuation, for example, capital letters, full stops, commas, inverted commas (speech marks), exclamation marks, question marks and/or apostrophes. Punctuation is mainly accurate.</li> <li>➤ Writes most sentences in a grammatically accurate way.</li> <li>➤ Uses sentences of different lengths and types and varies sentence beginnings.</li> <li>➤ Links sentences using a range of conjunctions.</li> <li>➤ Uses paragraphs to separate thoughts and ideas.</li> <li>➤ Writes in a fluent and legible way.</li> <li>➤ Reviews and corrects writing to ensure it makes sense, is technically accurate and meets its purpose.</li> </ul>

# Literacy ideas

## Comprehension

- Watch a news programme or documentary, e.g. Newsround, YouTube, take a note of all the facts that you hear, think about where the facts are coming from? Are they reliable sources?
- Read to someone in your family. Create 5 questions for them to answer. How did they get on?
- Illustrate one of your favourite scenes from a movie or a book. Try to incorporate as much detail as possible.
- Try your luck at matching book blurb phrases with the books front cover. Have you read any of these books?  
[https://www.scottishbooktrust.com/uploads/store/mediaupload/2553/file/book\\_blurb\\_quiz\\_00.pdf](https://www.scottishbooktrust.com/uploads/store/mediaupload/2553/file/book_blurb_quiz_00.pdf)

## Grammar

- Alliteration is the repetition of a sound in a sentence or a series of sentences. For example, 'Samantha soared down the street on her sleek skateboard'. Using the letters of the alphabet create alliteration phrases.
- Play a game of verb/adverb charades with members of your family.  
<https://www.educationworld.com/a/lesson/04/lp334-02.shtml>

## Reading Skills

- Read a script of your choice. It could be an article in the newspaper, an article online, a chapter in your book. Take note of 5/6 words that you read that you are unsure of the meaning. Look up their definition in the Dictionary. Then try and write your own sentence using the new word, to ensure you understand its meaning.
- Listen to stories online/podcasts. E.g. Cressida Cowell reads How to Train your Dragon  
<https://www.youtube.com/playlist?list=PLE5MZB5pedUMNULdgu0wYaSIL0dRLHcU0>
- Go to Authors Live On Demand / [https://www.scottishbooktrust.com/authors-live-on-demand?utf8=%E2%9C%93&filterrific%5Bhas\\_age\\_group%5D=nine\\_eleven&filterrific%5Bhas\\_curriculum\\_area%5D=&filterrific%5Bhas\\_genre%5D=&filterrific%5Bhas\\_perfect\\_for%5D=&filterrific%5Bauthors\\_live\\_search%5D=](https://www.scottishbooktrust.com/authors-live-on-demand?utf8=%E2%9C%93&filterrific%5Bhas_age_group%5D=nine_eleven&filterrific%5Bhas_curriculum_area%5D=&filterrific%5Bhas_genre%5D=&filterrific%5Bhas_perfect_for%5D=&filterrific%5Bauthors_live_search%5D=) choose an author who may interest you and watch episode.
- Read whenever you can, you could attempt some of these Reading Dares  
[https://www.scottishbooktrust.com/uploads/store/mediaupload/2561/file/reading\\_dares\\_for\\_pupils\\_0.pdf](https://www.scottishbooktrust.com/uploads/store/mediaupload/2561/file/reading_dares_for_pupils_0.pdf)
- Take a book Personality Quiz to find out what kind of book is right for you.  
[https://www.scottishbooktrust.com/uploads/store/mediaupload/2553/file/book\\_blurb\\_quiz\\_00.pdf](https://www.scottishbooktrust.com/uploads/store/mediaupload/2553/file/book_blurb_quiz_00.pdf)

## Spelling

- Create a word bank on a topic of your choice. Think about something that you are interested and perform some research, taking note of important and relevant words.
- Using Fry's common word lists, go through and read the words, can you read all 1000 words. Access these here; [https://www.k12reader.com/Fry-Words/fry\\_complete\\_1000.pdf](https://www.k12reader.com/Fry-Words/fry_complete_1000.pdf)

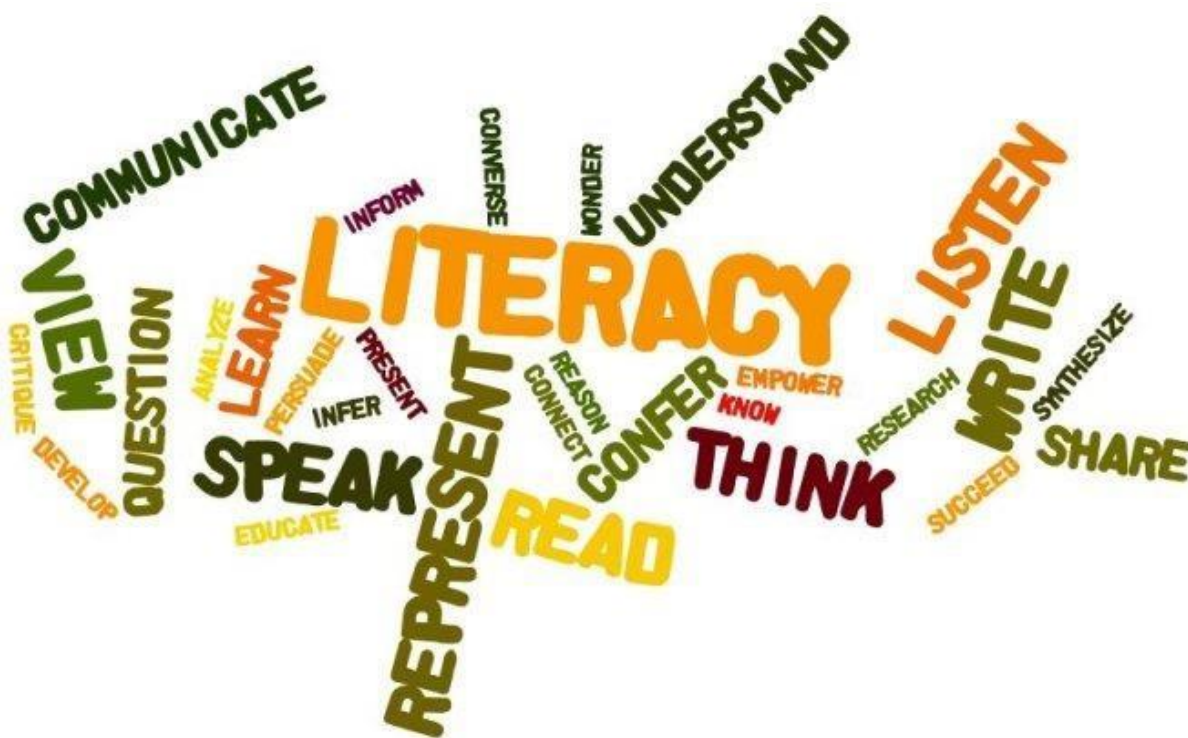


# Literacy ideas

- For an additional challenge, use the process of 'Look, cover, write, check' to try and spell the words. Only try to spell words that you can read. Highlight or take note of any words you cannot read and focus on learning these.
- Boggle- create a 4 x 4 grid of letters, find words from using only the letters in the grid. To challenge yourself further, find words with only adjacent letters. Access Boggle online <https://www.puzzle-words.com/boggle-4x4/>

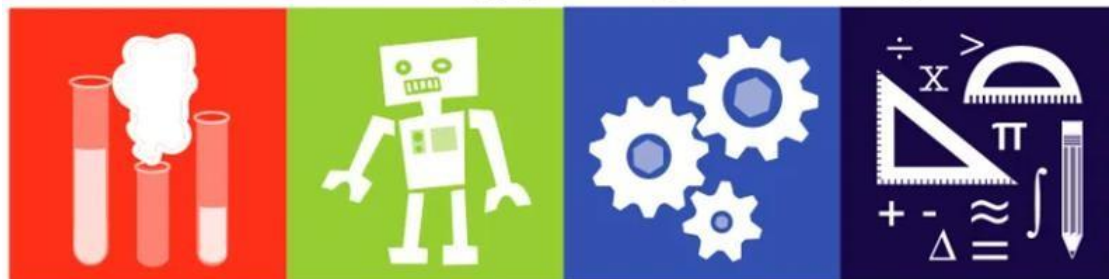
## Writing Tasks

- Using the link <https://www.scottishbooktrust.com/uploads/store/mediaupload/2542/file/How%20to%20make%20story%20sticks.pdf>, follow the instructions on how to make 'Story Sticks' use these sticks to try out a few of the suggested activities e.g. verbal storytelling, creating characters etc.
- Read a book or watch a film and create a book trailer or book review video. Use this guide to help <https://www.scottishbooktrust.com/learning-resources/book-reviews-and-trailers-on-film>
- Use a picture from <https://www.onceuponapicture.co.uk/> as inspiration to create your own short story. This could be an adventure or fantasy story, choose a genre that interests you. Develop at least two characters, think about the plot, setting and context, use descriptive language to create mood, atmosphere and suspense. Are you telling the story or writing from the point of view of a character? Remember to include a title and to write in paragraphs.



# S.T.E.M ideas

science • technology • engineering • math



CFE experience and outcome	Activity	Resources
I can use my knowledge of the interactions and energy flow between plants and animals in ecosystems, food chains and webs. I have contributed to the design or conservation of a wildlife area. <b>SCN 2-02a</b>	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. Base it around a particular ecosystem - arctic, desert, rainforest etc.	iPad or Smart phone, Toys/objects from home
I can recognise basic properties and uses for a variety of materials and can discuss which ones are most suitable for a given task <b>TCH 2-10a</b>	Research some famous landmarks and look at their structure. Can you replicate this using Lego? Is there another material which would work better than Lego?	Lego
I have collaborated in activities which safely demonstrate simple chemical reactions using everyday chemicals. I can show an appreciation of a chemical reaction as being a change in which different materials are made. <b>SCN 2-19a</b>	Make your own bath bomb	100g bicarbonate of soda 50g citric acid 25g cornflour 25g Epsom salt (optional) 2 tbsp oil - such as sunflower, coconut or olive oil ¼ tsp essential oil, such as orange, lavender, or chamomile a few drops of liquid food colouring orange peel, lavender or rose petals, to decorate (optional)  <a href="https://www.bbcgoodfood.com/howto/guide/how-make-bath-bomb">https://www.bbcgoodfood.com/howto/guide/how-make-bath-bomb</a>
I have collaborated in activities which safely demonstrate simple chemical reactions using everyday chemicals. I can show an appreciation of a chemical reaction as being a change in which different materials are made. <b>SCN 2-19a</b>	Make your own lava lamp	Vegetable oil Glass with Water Vitamin C tablet Food colour (optional) Alka-Seltzer  <a href="https://www.eureka.org.uk/eureka-at-home/make-your-own-lava-lamp/?gclid=EAlaIqobChMlh6Hjp7z86wIVkOntCh08vAPvEAAAYASAAEgKWhPD_BwE">https://www.eureka.org.uk/eureka-at-home/make-your-own-lava-lamp/?gclid=EAlaIqobChMlh6Hjp7z86wIVkOntCh08vAPvEAAAYASAAEgKWhPD_BwE</a>

# S.T.E.M ideas

<p>I have collaborated in activities which safely demonstrate simple chemical reactions using everyday chemicals. I can show an appreciation of a chemical reaction as being a change in which different materials are made. <b>SCN 2-19a</b></p>	<p>Build a model volcano. Can you make it erupt?</p>	<p>Recyclable materials Bicarb soda Vinegar Red and yellow food colouring</p> <p><a href="https://www.learning4kids.net/2012/04/11/how-to-make-a-homemade-volcano/#:~:text=You%20will%20need%20an%20empty,or%20orange)%20and%20white%20vinegar.">https://www.learning4kids.net/2012/04/11/how-to-make-a-homemade-volcano/#:~:text=You%20will%20need%20an%20empty,or%20orange)%20and%20white%20vinegar.</a></p>
<p>By investigating floating and sinking of objects in water, I can apply my understanding of buoyancy to solve a practical challenge. <b>SCN 2-08b</b> Through research and discussion, I have an appreciation of the contribution that individuals are making to scientific discovery and invention and the impact this has made on society. <b>SCN 2-20a</b></p>	<p>Make a boat that can really float - how much weight can it hold?</p> <p>Research some famous scientists and make a leaflet or poster showcasing their achievements</p>	<p>Recyclable materials Suitable weights - pennies etc.</p> <p>Internet access Paper Pens/pencils</p>
<p>I can apply my knowledge of how water changes state to help me understand the processes involved in the water cycle in nature over time. <b>SCN 2-05a</b></p>	<p>Experiment with freezing different mixtures of water and salt. What do you notice about the amount of salt and the time it takes to freeze?</p>	<p>Water Salt Freezer Suitable container</p>
<p>I consider the impact that layout and presentation will have and can combine lettering, graphics, and other features to engage my reader <b>LIT 2-24a</b></p>	<p>Louis Braille wanted to make reading easier for other blind people, so he created a code using raised dots. Can you write a message in Braille?</p>	<p>Internet access to look up Braille alphabet <a href="http://www.brailleauthority.org/learn/braillebasic.pdf">http://www.brailleauthority.org/learn/braillebasic.pdf</a> Paper Pencil</p>
<p>I can identify and classify examples of living things, past and present, to help me appreciate their diversity. I can relate physical and behavioural characteristics to their survival or extinction. <b>SCN 2-01a</b></p>	<p>Find the definition to the word "evolution". Can you find examples of animals or plants which have evolved over time to adapt to their surroundings? Create a PPT</p>	<p>Internet and computer access</p>
<p>By observing and researching features of our solar system, I can use simple models to communicate my understanding of size, scale, time, and relative motion within it. <b>SCN 2-06a</b></p>	<p>Research the solar system and make a PPT with one slide per planet. Make a model of the solar system - consider size and scale of the planets.</p>	<p>Recyclable materials Internet and computer access Microsoft PowerPoint</p>
<p>By investigating floating and sinking of objects in water, I can apply my understanding of buoyancy to solve a practical challenge. <b>SCN 2-08b</b></p>	<p>Gather a few objects in your house and investigate floating and sinking. Does the shape or weight of the object influence whether it floats or not?</p>	<p>Water Suitable container - bath, tub Objects</p>
<p>Through research and discussion, I have an appreciation of the contribution that individuals are making to scientific discovery and invention and the impact this has made on society. <b>SCN 2-20a</b></p>	<p>Research various STEM careers. Create a leaflet about your chosen career to share</p>	<p>Internet access Paper</p>
<p>I can extend and enhance my design skills to solve problems and can construct models <b>TCH 2-09a</b></p>	<p>Experiment with paper aeroplane designs. Which one is best and flies the furthest?</p>	<p>Paper <a href="https://www.foldnfly.com/#/1-1-1-1-1-1-1-2">https://www.foldnfly.com/#/1-1-1-1-1-1-1-2</a></p>

# S.T.E.M ideas

I can extend and enhance my design skills to solve problems and can construct models <b>TCH 2-09a</b>	Visit the website “kids invent stuff” and watch their monthly challenge. Submit your entry to be entered into the monthly competition. Can you make your design 3D using recyclable materials?	<a href="https://kidsinventstuff.com/">https://kidsinventstuff.com/</a> Recyclable materials Glue/Sellotape Paint/pens/pencils
By contributing to investigations into familiar changes in substances to produce other substances, I can describe how their characteristics have changed. <b>SCN 2-15a</b>	Biscuit Dunking experiment	Biscuits (at least 4 different kinds) Cup/glass with warm water <a href="https://fun-science.org.uk/tea-dunking-experiment/">https://fun-science.org.uk/tea-dunking-experiment/</a>
By exploring reflections, the formation of shadows and the mixing of coloured lights, I can use my knowledge of the properties of light to show how it can be used in a creative way. <b>SCN 2-11b</b>	Shadow Drawing	Paper Pencil Various objects  <a href="https://www.simplemost.com/this-shadow-drawing-project-is-perfect-for-entertaining-your-kids-this-summer/">https://www.simplemost.com/this-shadow-drawing-project-is-perfect-for-entertaining-your-kids-this-summer/</a>  <a href="https://www.rookieparenting.com/shadow-drawing/">https://www.rookieparenting.com/shadow-drawing/</a>
I understand the operation of a process and its outcome. I can structure related items of information. <b>TCH 2-13a</b>	An hour of code: Minecraft designer	<a href="https://studio.code.org/s/minecraft/stage/1/puzzle/1">https://studio.code.org/s/minecraft/stage/1/puzzle/1</a>
Various	Listen to this weekly science podcast:	<a href="https://www.funkidslive.com/podcast/the-fun-kids-science-weekly/">https://www.funkidslive.com/podcast/the-fun-kids-science-weekly/</a>
I can use digital technologies to search, access and retrieve information and am aware that not all of this information is credible <b>TCH 2-02a</b>	Learn some <b>cyber security skills</b> , (and improve your typing skills at the same time) by ‘Defending the hospital’	<a href="https://cs4.cyberskillslesson.com/?pk_vid=f091f02fdb6cd5fd1585655242bd1001">https://cs4.cyberskillslesson.com/?pk_vid=f091f02fdb6cd5fd1585655242bd1001</a>
I can use digital technologies to search, access and retrieve information and am aware that not all of this information is credible <b>TCH 2-02a</b>	“How to Steal a Pizza” <b>online Cyber Skills lesson</b>	<a href="https://www.cyberskillslesson.com/lesson5/">https://www.cyberskillslesson.com/lesson5/</a>
I can recognise basic properties and uses for a variety of materials and can discuss which ones are most suitable for a given task <b>TCH 2-10a</b>	Create a marble run	Recycled Materials One large cardboard box to build it all in Scissors Sellotape or masking tape Double-sided tape Sticky tac Marbles  <a href="https://www.edenproject.com/learn/for-everyone/how-to-make-a-recycled-marble-run#:~:text=Tips%20on%20making%20your%20marble,end%2C%20forming%20a%20long%20chute.">https://www.edenproject.com/learn/for-everyone/how-to-make-a-recycled-marble-run#:~:text=Tips%20on%20making%20your%20marble,end%2C%20forming%20a%20long%20chute.</a>

# Fun ideas

- ☺ Plan and serve [afternoon tea](#) to treat your parent(s) / carer(s)!
- ☺ Create a treasure hunt for someone to complete with clues that will lead them around the garden/house and to a final destination.
- ☺ Go [stargazing](#) in the evening and enjoy the night sky!
- ☺ Create a quiz for your family to join in with. You can even connect others to your quiz using technology.
- ☺ Carry out some [chores](#) to help at home.
- ☺ Enjoy some [garden bird spotting](#).
- ☺ Build a [bug hotel](#) in your garden / outdoor space at your home.
- ☺ Make [friendship bracelets](#) for your family and friends.
- ☺ [Design a board game](#) and play it with your family.
- ☺ Play a board game.
- ☺ Play a game of [cards](#).
- ☺ Plan and cook a [meal](#).
- ☺ Try some [origami](#).
- ☺ Make a scene ([diorama](#)) / [room](#) using a shoebox.
- ☺ Make [greetings cards](#) to be kept for special occasions.
- ☺ Watch a film and [write a film review](#). Share with your family and friends.
- ☺ Complete a [Paw Print Challenge](#).
- ☺ Set up a tent indoors / in the garden and have a night of camping! You can [make your own tent](#) using materials you may have around the house.
- ☺ 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](#).
- ☺ Try some yoga (e.g. [Cosmic Kids Yoga](#)).

- ☺ Plan a sponsored event for charity (e.g. sponsored stair climb, readathon, spelling bee at home).
- ☺ Plan and walk / run a route in your local area. You can even join in with ["Race at Your Pace"](#).
- ☺ Design your own [comic](#) / write your own [story](#).
- ☺ Make [slime](#) / [gloop](#) / [playdough](#).
- ☺ Decorate a window in your house with art pieces you have made.
- ☺ Write postcards to members of your family and mail in the postbox when out on a walk.
- ☺ Make a playlist of songs and have a family disco at home! Ensure everyone has the chance to choose their favourite songs.
- ☺ Think of your own home enterprise idea (e.g. making products such as soaps).
- ☺ Carry out a [mindfulness](#) activity (e.g. [mindfulness colouring](#) / listening to [relaxing music](#)).
- ☺ Play bingo at home. [Make your cards](#) and have someone call the numbers (an app can help with this).
- ☺ Play [noughts and crosses](#).
- ☺ Learn some [First Aid skills](#).
- ☺ Enjoy a science experiment at home. You can even complete activities to work towards a [Crest Award](#).
- ☺ Learn about a time in the past from a member of your family. Record your findings [using this template](#).
- ☺ Learn more about and document your [family history](#). Create a family tree.
- ☺ Learn the flags of countries around the world. Try [this game](#) to test your skills.
- ☺ Make a time capsule. This could be linked to [current events](#).



# Fun ideas

- ☺ Learn coding / programming skills. The following links may be useful: <https://www.kodugamelab.com/>  
<https://www.tynker.com/>  
<https://education.minecraft.net/>  
<https://www.barefootcomputing.org/primary-computing-resources>  
<https://projects.raspberrypi.org/en>  
<https://code.org/>  
<https://www.apple.com/swift/playgrounds/>
- ☺ 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.
- ☺ Learn more [French](#).
- ☺ Complete some [Lego](#) challenges.
- ☺ Watch [Newsround](#) to find out about events in our country and around the world.
- ☺ Use old socks to create [puppets](#). Design and put on a puppet show using your sock puppets.
- ☺ Learn a new dance. Follow a [Go Noodle](#) dance / mindfulness activity.
- ☺ 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.
- ☺ Host an [indoor picnic](#).
- ☺ Make a jigsaw puzzle from an old picture, greetings card or food box (e.g. cereal box). Mix up the pieces and solve your puzzle.
- ☺ Make a [nature wand](#) using twigs and natural materials.

- ☺ Create a restaurant indoors. Set the table, take orders and serve a meal to your family.
- ☺ Have a [pamper day](#). Have a bubble bath, face masks, foot spa, head massage etc.
- ☺ Set up a home salon. Paint nails, apply make-up and offer facials.
- ☺ Make [ice lollies](#). This can be done simply with diluting juice and water.
- ☺ Play [dominoes](#).
- ☺ Enjoy a [workout](#).
- ☺ Try some new activities to earn a [Blue Peter Badge](#).
- ☺ Make [smoothies](#) for your family. Take orders and make individual smoothies to order.
- ☺ Make [paper aeroplanes](#).
- ☺ Play a game of [cards](#).
- ☺ Put on a fashion show.
- ☺ Learn to [sew](#) or [knit](#).
- ☺ Make a [homemade bath bomb](#).
- ☺ Make a [paper fortune teller](#) and share with friends and family.
- ☺ Learn to play a [traditional outdoor game from another country](#).
- ☺ Make a "fizzy bottle rocket"!
- ☺ Try some pebble or [rock painting](#) / decorating.
- ☺ Make a home-made [sensory bottle](#), [lava lamp](#) or [snow globe](#).
- ☺ Make a [paper helicopter](#).
- ☺ Make a [domino run](#).
- ☺ Make a [mini garden](#) in a tray using natural items found in your garden / outdoor space or on your daily exercise walk. Or, try making a [terrarium](#).



# Fun ideas

- ☺ Make a kindness jar using an old jam jar. Write kind deeds you have done on small pieces of paper and place them into the jar. Fill your jar with acts of kindness!
- ☺ Design a [marble run](#).
- ☺ Make a scrapbook or [travel journal](#) from a holiday or special place you have visited.
- ☺ Have a [cinema day](#) with popcorn and homemade tickets.
- ☺ Use a piece of kitchen roll as the canvas for [beautiful art designs](#).
- ☺ Use growth mindset to [learn how to juggle](#).
- ☺ Try [pressing flowers](#).
- ☺ Try some [gardening](#). Plant seeds to make an indoor /outdoor garden or to grow your own vegetables.
- ☺ Make a [string telephone](#) and have fun listening to and giving messages using your phone.
- ☺ Make a [homemade bird house](#).
- ☺ Film a TikTok and share with close friends and family.
- ☺ Read a book and write a [book review](#). Share with your family and friends.
- ☺ Start a virtual [book club](#) with your friends.
- ☺ Study the weather. You can set up your [own weather station](#). You could even film your own weather report!
- ☺ Learn some religious stories from the [Bible](#) and [other world religions](#).
- ☺ Watch [Horrible Histories](#) to learn about times in the past.
- ☺ Watch the "[when I grow up](#)" series to learn more about the world of work.
- ☺ Create and publish your own [newspaper](#).
- ☺ Film and share your own T.V. show. You can use this to teach others new skills such as cooking or crafting.





# Useful Links

## Numeracy and Mathematics

[www.sumdog.com](http://www.sumdog.com)

[www.topmarks.co.uk](http://www.topmarks.co.uk)

<https://www.bbc.co.uk/bitesize/subjects/zv7dcqt>

<http://www.crickweb.co.uk/ks2numeracy.html>

<https://mathsframe.co.uk/en/resources/category/22/most-popular>

<https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths>

<https://www.primarygames.com/math.php>

<https://www.oxfordowl.co.uk/for-home/kids-activities/fun-maths-games-and-activities/>

<https://mathszone.co.uk>

<https://www.mathsisfun.com>

<https://nrich.maths.org/primary>

<https://ttrockstars.com/page/covid19support>

<https://mathsbot.com/#Starters%20and%20Drills>

## Science

[http://www.bbc.co.uk/schools/websites/4\\_11/site/science.shtml](http://www.bbc.co.uk/schools/websites/4_11/site/science.shtml)

<https://www.stem.org.uk/resources/community/collection/13109/year-6-animals-including-humans>

<https://www.topmarks.co.uk/Search.aspx?Subject=26>

<http://www.sciencekids.co.nz/lessonplans/biology/dna.html>

## Literacy

<https://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar>

<https://www.topmarks.co.uk/english-games/7-11-years/punctuation>

<https://www.teachwire.net/news/7-of-the-best-online-grammar-games-for-ks2>

<http://www.crickweb.co.uk/ks2literacy.html>

<https://www.bbc.co.uk/bitesize/subjects/zv48q6f>

<https://www.bbc.co.uk/bitesize/topics/zhrd2p>

<https://readtheory.org>

<http://wordcentral.com/buzzword/buzzword.php>

<https://www.literacyshed.com/home.html>

<https://www.getepic.com>



# Useful Links

## RME

<https://www.bbc.co.uk/bitesize/subjects/z7hs34j>  
<http://www.primaryresources.co.uk/re/re.htm>  
<https://www.topmarks.co.uk/Search.aspx?Subject=25>

## HWB

<https://www.mindmoose.co.uk/2017/07/19/kindness-meditation-children/>  
<https://www.youtube.com/watch?v=YR1OxBk8BF4> (Yoga)  
[https://www.youtube.com/watch?v=L\\_A\\_HjHZxfI&t=140s](https://www.youtube.com/watch?v=L_A_HjHZxfI&t=140s) (Workout)  
<https://www.youtube.com/watch?v=I91Ox3acemQ>  
<https://www.youtube.com/watch?v=wpz36D0WaDg> (Dance)  
<https://www.youtube.com/watch?v=dNL6RwymoNg> (Dance)  
<https://www.youtube.com/watch?v=5if4cjO5nxq> (Workout)

## A little bit of everything

<https://classroomsecrets.co.uk/free-home-learning-packs/>  
<https://www.twinkl.co.uk>  
<https://2simple.com/blog/using-purple-mash-when-school-closed/>  
<https://www.learningladders.info>

**LEARNING**  
- FROM -  
**HOME**