

Water



We hope you have enjoyed taking part in all the activities we have planned for you over the last few weeks. Our next two week topic is 'Water'. Please have fun as you take part with your children in the activities, we have suggested. Some of these are based on the topic 'Water', others are general activities.

Everyone needs water to live including humans, animals and plants. Water can be used in many ways including drinking, cooking, washing and watering plants, as well as in many other ways. We hope the activities we have suggested will be fun to take part in for your children and you!

General Tasks

Resources to help your child learn during the Lockdown can be found in different places. Something as simple as a daily walk can be used as learning opportunities. Look for signs of Spring. Discuss the seasons, what is happening to trees? Flowers? Look out for animals and insects. Can your child name them? Do they know any facts about the animal, insect or plant they are looking at? Where could they find facts? Most things can be searched for in books or on the internet. (with adult supervision)

Ideas for parents for home learning for activities, phonics and music can be found at:

Twinkl - <https://www.twinkl.co.uk/resources/covid19-school-closures>

Phonics Tasks

Practising phonics helps your child learn to both read and write. We try to make learning the letters and sounds as much fun as possible.

Some games to play with your child could include:

Drawing individual letters or words on paper/card, stick the cards to a wall or on the floor. Call out a sound or a word, your child could point to it, hit it with a fly squatter or shoot at it with a Nerf gun. Alternatively, chalk letters on a path. Call out the sound, your child jumps on the letter, points to it or squirts with water. Draw rings around sounds that could make several words. Say a word with 3 or 4 sounds in it. The children can jump on the sounds to spell the word. Play letter or word lotto, making grids on paper. The whole family could take part!

Write sentences or write a short story, read it together with your child, encourage them to sound out words or read familiar sight words. Your child can write sentences using their tricky words and sounds from Phase 2 or 3, Letters and Sounds.

There are lots of websites for online phonics learning.

<https://www.phonicsplay.co.uk> has lots of phonics games for free with username: March20 Password: home or <https://monsterphonics.com/> Username: login and Password: homelearning.

We also recommend Oxford Owl at <https://home.oxfordowl.co.uk/reading/learn-to-read-phonics/> and <https://www.thenational.academy/online-classroom/> for teacher led lessons.

Online Phonic lessons recommended by Gov.Uk can be found by searching 'Letters and Sounds for home and school.'

Links

More ideas for parents can be found on the Facebook pages: 'Family lockdown tips and ideas'

You can search YouTube for craft activities, as well as Keeping kids entertained during lockdown from Save the Children UK. <https://www.savethechildren.org.uk>

Online Help

You can find lots of free services online, some done by celebrities and some by companies that produce educational resources. We have given some ideas below, but these are not the only ones to be found.

- **Music with Myleene Klass**
[You.tube.com/myleenesmusicclass](https://www.youtube.com/myleenesmusicclass)
- **Dance with Oti Mabuse** -
([You.tube.com/otimabuseofficial](https://www.youtube.com/otimabuseofficial)) at 11.30 a.m. previous sessions available.
- **Maths with Carol Vorderman**
([themathsfactory.com](https://www.themathsfactory.com))
- **Numberblocks series 1 to 4** at cbeebies or [You.tube.com](https://www.youtube.com)
- **Mr Mac- Early years Phonics**
<https://www.youtube.com/playlist?list=PLWee7c-xY-eSm2hSNzz5r1L12IxUI7b89>
- **Online reading for kids**
<https://www.readingeggs.co.uk>
- **Fairy tales and stories for 5 year olds**
www.audible.co.uk
- **Stories with David Walliams**
[worldofdavidwalliams.com](https://www.worldofdavidwalliams.com)
- **[www.Storylineonline.net](https://www.storylineonline.net)**
- **Art with Simon Hetherington** on Facebook Mon and Thurs 10.30
- **Food with Jamie Oliver**
www.Channel4.com/keepcookingandcarron

Amazon have free audio books. Go to website then type in, 'free audible books for children'.

Weekly Reading Tasks

<https://www.twinkl.co.uk/parents> have learning packs available to help your child with their reading. We recommend you read at least one book with your child, every day. Encourage them to begin to read sounds, words or whole sentences to you.

Discuss the book before reading, as well as after it has been read.

To encourage reading search <https://www.You.tube.co.uk> then, type in search words such as 'phonics blending'. This will bring up a range of short videos including, 'Jolly Phonics blending' this is the scheme we use at school to introduce letters and sounds. Jolly Phonics songs for each sound can also be found on you.tube, (link as above). Read rhyming books to your child. Can they tell you which words rhyme?

Say a word - your child says a word that rhymes with yours.

You could also discuss your child's understanding of books by listening to stories.

Look at <https://www.bbc.co.uk/iplayer/search?q=Julia+donaldson>

Weekly Writing Tasks

Make a poster about 'Water Safety', at the duck pond. Children can draw pictures and signs, and then write the title.

Write sentences about what you saw at the duck pond using known sounds and tricky words. Remember to use finger spaces!

Begin to write their whole name including the surname.

Make up a short story verbally, and then begin to write their story.

Weekly Maths Tasks

Watch Numberblocks 'Double trouble' on cbeebies or www.you.tube.co.uk

Ask your child to sort sock into pairs. How many pairs do they have? How many socks altogether?

Play Dominoes - Can you find the doubles? Can you add the 2 numbers on the domino?

Children write down the adding sum for the doubles and solve.

Make a line of numbers 0 to 20, together count to 20, your child points to each number as you count.

Make a recycled space rocket using a plastic bottle & paper/card and sellotape. Count back from 10, then from 20, making the rocket take off at zero.

Ask your child to close their eyes. Remove a number from the number line. Which number is missing?

Which number is 1 more than the missing number? 1 less?

Simple adding and subtracting games can be made using dice, dominoes and Uno.

Other Weekly Tasks

Understanding the world - **floating and sinking**. Use a water tray or a washing up bowl to test different objects around the home to see if they sink or float. Use **Activity sheet 4** to record names of objects and tick to show if they float or sink.

Have **fun with ice**. Freeze some ice cubes or a block of ice in a container. Add some food colouring a little at a time. Ask your child to predict what will happen. Watch what happens as the ice melts. Discuss, why is the ice melting? What happens as it melts? Encourage the children to use words such as frozen, freezing, cold, melting,

Have a go at the **Skittles Rainbow science experiment** instructions on **Activity sheet3**. Ask your child to predict what will happen. Were they correct? Why do they think this happened? Encourage your child to answer in sentences!

Expressive Art & Design - Draw a picture; make a collage or a model of the duck pond using different materials, such as tissue/crepe paper, Cardboard boxes, coloured rice, felt pens or crayons. Draw a diagram to show what happened when you did the Rainbow skittles experiment.

Physical Development - **keeping clean**. Encourage your child to think about how they use water to keep them clean. Why do they need showers or baths? What would happen if they didn't wash?

Water safety - Discuss why children cannot run around near deep water. What would happen if you fell in? Who would help us?

Reception

Communication & Language Development

Ask your child to draw a picture showing what they have learnt about 'water.' Discuss what they have drawn, asking questions about the picture. Encourage your child to answer in sentences.

Play word games - say a word, can your child say a rhyming word? If they do; it's their turn to say the first word.

Say a short sentence, with the words in the wrong order. Ask your child to put the words in the sentence in the right order.

Expressive Arts & Design

Your child could draw a fish. Encourage children to find recycled items such as, sweet wrappers, bottle tops & bubble wrap to decorate it. Can they make a pattern for the fishes' scales?

Put washing up liquid and water in small bowls. Add different colours of food colouring to each bowl. Children use straws to suck, then blow bubbles onto paper, repeat with different colours. Can they make bubbles of different sizes, shape & colour? Can they make patterns?

Personal, Social & Emotional Development

Having fun completing these tasks together, will improve your child's self-confidence and their language skills. Encourage your child to 'have a go' by themselves to complete the tasks. Remember this is meant to be fun! Please supervise them and join in as much as you can.

Literacy

Reading

Read a book with your child. Ask your child to tell you what happened. Ask if they can make up a different ending or change the characters. Can they change where the story takes place and retell it?

Encourage your child to read tricky words they see and to sound out and read other words. Ask them to read a sentence to you or read the whole book. Books could include: The Rainbow Fish, The snail and the whale, Tiddler and Room on the broom,

Writing

Make a list of ways you use water in your home using the phonics you have learnt. Write sentences using words from your list.

Create an Acrostic poem using one of these words: Sea, Rain, Lake or Water. See **Activity 2 sheets**.

Physical Development

Help wash up the dishes after meals.
Use a paintbrush to draw a picture using water on the garden path or a wall.
Go for a walk to the local duck pond.
Count how many steps it takes you to get there. Is it the same number on the way back?

Take part in online physical workouts including:

<https://m.youtube.com>users>cosmicyoga>

Or, search on Google for 'Sticky Kids' fun songs with instructions on how to move to the music.

Water

Understanding the World

Research different ways water is used in the world, your child could use books or the internet with supervision.

Find out about the water cycle. Why do we have clouds? Where does rain come from? Where does it go?

<https://www.youtube.com/watch?v=y5gFI3pMvoI>

Have fun with, the rainbow rain experiment, instructions can be found at:

<https://www.youtube.com/watch?v=IZ6cSwIEmQ>

Walk with your child to the duck pond. What lives in the water? What can you see on the water? Can you make a list of what you see?

Mathematics

'Capacity'- Ask your child to fill up cups & plastic bottles. Can they tell you when they are full, empty, half-full, half-empty? How many spoonful of water will fill a cup? How many cups will fill the bottle?
Counting using water pistols - Make number cards and stick down on grass or write on path using chalk, 0 to 20. You call out a number and your child squirts it with water or jumps on the number. Repeat as many times as you like.

See **Activity sheet 1** for more activities for counting and measuring using water.

Make labels with days of the week on. Your child can learn the days of the week in order and learn to read them. Swap the labels around and ask your child to put them back in order.

Activity Sheet 1 - Maths

1● Put some plastic sea creatures in a bowl of water, add blue food colouring and use nets or strainers to catch the creatures put them in a bucket. The children count how many creatures they caught. What would 1 more be? 1 less? 2 more? 2 less?

2● Pour water down a slope or gutter. If you make the slope steeper, will the water will run faster or slower. If an object is pushed down, at the same time as the water, does the object go further when the slope is steeper? Objects could be a bottle top, a penny, a pencil, a toy car. Try all of the objects, which one went the fastest? The furthest? Record your results in a simple table.

3● Add bubble mixture or washing up liquid to a bowl of water and mix up to make bubbles. Add foam or plastic numbers, or numbers written on plastic bottle tops 0 to 10 or 0 to 20. Ask your child to catch or net a number. Can they name the number? Can they line the numbers up in order 0 to 10 then 0 to 20?

4● Pour some water onto a hard surface, such as a path, to make a puddle. Measure how big the puddle is by laying out and counting pebbles or stones round the edge of the puddle. Think other ways of measuring the size of the puddle.

5● Investigate the way water spouts out of holes. With adult support, pierce holes in an empty plastic drinks bottle. Make the holes in a circle around the bottle. Investigate tilting the bottle to switch the holes on and off. Next time make the holes in a different pattern. Which pattern worked the best?

Activity Sheet 1 (Idea number 2)

Write name of objects, one in each box below.	Which object went the furthest? Write how far it went next to name of object.

Activity sheets 2 - Write an Acrostic poem

Choose a word from: Sea, Rain, Lake, Water. Use the letters in the word as the starting letter for each line of your poem. Our poem can rhyme but it doesn't have to.

For example, pond.

The Pond

Place where I like to sit

On grass as green as peas

No one comes to see me

Drawing water in the breeze

The initial sounds have been written for you on the next 4 pages.

Sea

S

E

A

Rain

R

A

I

N

Lake

L

A

K

E

Water

W

A

T

E

R

Activity Sheet 3

Skittles Experiment

Equipment Needed

Plate,

Water,

Packet of Skittles sweets

Place Skittles in a ring around the inner ring of the plate.

Add water to centre of ring.

Ask children to predict what is going to happen.

Why do they think this?

Observe what happens.

Ask, what is happening?

Why do you think this is happening?

What would happen if...?

You could try this experiment with different sweets and observe differences.

Extra challenges - Choose one each day.

<p>1. <u>Create the tallest tower you can make using everyday objects.</u></p> <ul style="list-style-type: none">• Have a competition with other family members.• You could use:• Lego bricks or other construction toys.• Recycling- e.g. boxes or milk bottles• Paper/ newspaper.	<p>2. <u>Make a container to keep an egg safe when it is dropped from a height of 2 metres.</u></p> <ul style="list-style-type: none">• Use whatever materials you can find in the house to make a structure to save a boiled egg when it's dropped (not thrown)• Could use cardboard, bubblewrap, plastic or paper.
<p>3. <u>Make a bridge</u></p> <ul style="list-style-type: none">• Use paper, card or drinking straws to create a bridge that can hold the weight of an apple.• Hold a competition with your family, who's bridge holds the most weight?	<p>4. <u>Make a family keepsake</u></p> <ul style="list-style-type: none">• Find out about everyone in your family and make a book about your family.• Draw pictures or take a photo of each family member.• Write facts about each one around the photos/ drawings using known phonics and tricky words.
<p>5. <u>Make and dress a dolly chain.</u></p> <ul style="list-style-type: none">• Turn an A4 piece of paper to landscape.• Fold the paper into four-concertina style.• Draw an outline of a doll, making sure legs and arms go over the edge of the folded paper.• Cut out dolls - for legs and arms cut over edge.• Unfold your dolly chain.• Use felt pens or crayons to 'dress' your dolls.	<p>6. <u>Draw each other's picture</u></p> <ul style="list-style-type: none">• Both draw a picture and keep them secret.• One of you describes your picture, the other one tries to draw it from the description• Swap over.• Take a look at the original pictures and compare with pictures drawn from the descriptions.

<p>7. <u>Write a note to one of your family or a friend</u></p> <ul style="list-style-type: none">• Discuss what with your child what they want to write.• They write their note using known phonics and tricky words, with help where needed.• Write the name and address of the person they are writing to on front of an envelope with help.• Stick on a stamp.• Post the letter when going for your daily walk.	<p>8. <u>Plant a seed and watch it grow</u></p> <ul style="list-style-type: none">• Plant a seed in a small pot using potting compost, peat or soil.• Discuss conditions needed to make it grow.• Take care of your plant, watering it regularly.• Make a simple chart to measure the growth of the plant.
<p>9. <u>Make a bouncing egg</u></p> <ul style="list-style-type: none">• Put half a cup of vinegar in a clean jar.• Place an egg in the jar.• Watch changes taking place over the next two days.• After two days take out the egg and see what has happened. Talk about the changes that have taken place.• Bounce the egg very gently from a low height. (remember it is still a raw egg inside)	<p>10. <u>Sipping straw experiment</u></p> <ul style="list-style-type: none">• Fill a glass half full of water• Put an empty glass next to the first one.• Using a drinking straw, suck water up the straw.• Put your finger over the end, then place straw over empty glass. Take thumb off end of the straw.• What happens?• Can you move all the water from the first glass to the second one?

Websites for extra ideas for activities whilst learning at home.

EYFS- Twinkl EYFS water themed lesson plan and enhancement ideas and water

<https://www.twinkl.co.uk/resource/t-t-10552-eyfs-water-lesson-plan-ideas>

Twinkl EYFS water science experiments resource pack

<https://www.twinkl.co.uk/resource/TF-T-253930-eyfs-water-science-experiments-resource-pack>

Under the sea play dough mats-

<https://www.twinkl.co.uk/resource/t-t-1053-under-the-sea-playdough-mats>

Water aid - How having clean water is helping communities around the world. World Handwashing Day

<https://www.youtube.com/watch?v=qwcWyxwKP60&feature=youtu.be>

KS1- Twinkl KS1- lots on water cycle e.g. water cycle wheel

<https://www.twinkl.co.uk/resource/t-t-10444-water-cycle-wheel>

Interactive game- water cycle

<http://www.crickweb.co.uk/ks1science.html>

Rain cloud in a jar science experiment-

<https://www.twinkl.co.uk/resource/t-a-7-rain-cloud-in-a-jar-science-experiment>

Schools challenge KS1 Water aid

<https://www.wateraid.org/uk/sites/g/files/jkxoof211/files/schools-challenge-ks1-lesson-plan.pdf>

Oceans and seas-

https://www.hamilton-trust.org.uk/topics/key-stage-1-topics/oceans-and-seas/?gclid=EAIaIQobChMIvsKp_Di6AIViKztCh043wrDEAAYASAAEqI4u_D_BwE

Animals that live in the seas -

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

Reception

Ideas for all year groups- growing a plant (needs water), waterproof or not, float or sink, changing state of water- water play/ boiling it/ exploring ice, art e.g. how water is represented e.g. Monet and Hockney, Acrostic poems- water/rainfall etc.

Capacity e.g. making potions <https://www.twinkl.co.uk/resource/t-n-2545298-eyfs-potions-capacity-powerpoint>

Water safety-

<https://www.twinkl.co.uk/resource/au-m-072-water-safety-powerpoint>

Water topic STEM e.g. different activities

<https://www.stem.org.uk/resources/community/collection/115683/water-topic>

Under the sea theme- e.g.

TES- under the sea KS1 (cross curricular planning)

<https://www.tes.com/teaching-resource/under-the-sea-medium-term-planning-6374400>

Early learning resources water eyfs planning- early learning

<https://www.earlylearninghq.org.uk/themes/under-the-sea/>

Physical education/music: dance

<https://www.bbc.co.uk/teach/class-clips-video/physical-education--music-ks1-water/zbm2t39>

Water aid campaign

<https://www.youtube.com/watch?v=QvxuA-VFyVM>

<https://youtu.be/qwcWyxwKP60>

Reception