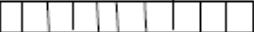




<p>100 dot count Place out 1 x 100 dot square. Count forward in 100s as you add 1 more 100 dot square to the pile. Take away one at a time to count backwards in 100s.</p>	<p>Hidden hundreds! Say, "I've got 8 hundred dot squares in this box (or covered up). How many dots are there?" Take 2 squares away. "How many dots are there now?" Try other examples and write the sums.</p>	<p>Dice gone dotty! Roll a dice and put out that many 100 dot squares. Roll again and put out that many 10 dot strips. What is your number? Roll and take away 10 times that number, e.g. if you roll a 3 take away 30 from your number. Write the sum. Do 10.</p>	<p>six times table chain game Draw a long rectangle with 10 boxes.  Pick a number card (between 1-10), e.g. 3, and write the third multiple of 6 in the third box. Keep going until you have all the multiples of 6.</p>
<p>Times Table chain game Do the same as 'Six Times Table Chain Game' for... • 9 times table</p>	<p>Empty Number Line Duel! (2 players) 1. Think of a number between 1-100. 2. Roll a dice and times that number by 10, e.g. if you roll a 5 then your number is 50. 3. Add your 2 numbers. Draw an empty number line to show how you worked it out. Both players show final number at the same time and highest wins the round. Play 5 rounds!</p>	<p>2 dice duel! Roll 2 dice to create a 2 digit number. Roll 2 dice again to create another. Add together using an ENL to record your thinking. Play against a friend or family member if you want to duel!</p>	
<p>Addend Friends! Roll 2 dice to create a 2 digit number. Roll 2 dice again to create another number. Create a Missing Addend sum using those numbers...Remember to put the highest number after the = sign. E.g. $34 + \underline{\quad} = 57$</p>	<p>BIG Subtracting! Roll 2 dice to create a 2 digit number. Roll 1 dice to create a 1 digit number. Take away the small number from the big number. How did you work it out? ...Use cotton buds or an ENL to help if you like.</p>	<p>BIG Adding! Roll 2 dice to create a 2 digit number. Roll again to create another 2 digit number. Add them together. How did you work it out? ...Use cotton buds or an ENL to help if you like.</p>	<p>Decade dazzler! Pick 2 (0-9) tens frames and add them together, e.g. $3+4 = 7$. Add a full 10 frame to the first number to create a new sum, e.g. $13+4 = 17$. Keep adding 10 to the first number until you have used 9 x full ten frames. What do you notice?</p>
<p>Make a game! Make a game using an Empty Number Line, e.g. card game, pairs, track game...</p>	<p>Draw it! Draw how you would work out... $28 + 24 =$ $59 + 26 =$ Try your own examples...</p>	<p>Prove it!* Draw a picture or write a description to show that you understand non-canonical numbers!</p>	
<p>Decade dazzler 2! Roll 2 dice to make a take away sum, e.g. $8-4 = 4$. Add 10 to the first number to create a new sum, e.g. $18-4 = 14$. Keep adding 10 to the first number until you get to a 90 number. What do you notice?</p>	<p>Non-Canonical Brainteaser* Roll 2 dice to create a 2 digit number. Put out that many 10 strips. Roll 2 dice to create a 2 digit number. Add on that number to the number you have created with tens strips. Write it down. E.g. 16 tens + 24 ones is 184</p>	<p>Multiplication Sum stories! Work out the sum stories (word problems) on the cards (included in your pack) Try writing your own sum story for a multiplication sum....</p>	<p>Division Sum stories! Work out the sum stories (word problems) on the cards (included in your pack) Try writing your own sum story for a division sum....</p>

*These activities will reinforce practical tasks being taught and covered in class. Choose an activity to do with your child and **colour and date the brick when covered**. You can use your jotter to write down any work or descriptions of what you've done. Remember to put the date and title at the top of the page. **Good Luck!***



Merrylee Primary School


P3 Numeracy Home Learning




We do between 5 and 6 hours of Maths and Numeracy a week but try and do what you can at home.

This term we have been concentrating on: _____ .

Enjoy some of these websites or apps at home!

<p>https://pages.sumdog.com/</p> <p>Username: Password: School Code: Merrylee</p> 	<p>Khan Academy https://www.khanacademy.org/</p> <p>This site is especially good for maths and computing for all ages. Accessible for children without an account.</p>	<p>www.bbc.co.uk/bitesize/subjects/zjxhfg8</p> <p>For all ages – can be used to help with homework, revision and learning. Videos, step by step guides, activities and quizzes all by stage level. KS1 – age 5-7.</p>
<p>www.mathplayground.com</p> <p>Free online maths games and more – problem solving, logic games and number puzzles that children love to play!</p>	<p>www.echalk.co.uk/Primary/numeracy.html</p> <p>Educational games, simulations, puzzles and activities created with a focus on learning through fun.</p>	<p>www.topmarks.co.uk/maths-games/</p> <p>A searchable site of thousand of quality teaching resources, interactive resources and games.</p>
<p>https://www.oxfordowl.co.uk/welcome-back/for-home/reading-owl/maths</p> <p>Educational resources and free eBooks to support children’s learning at primary school and home.</p>	<p>https://www.coolmath4kids.com/</p> <p>Math and Games for Kids, Teachers and Parents. Math lessons and fun games for kindergarten to sixth grade, plus quizzes, brain teasers and more.</p>	<p>https://www.doorwayonline.org.uk/</p> <p>Doorway Online is a collection of free and highly accessible educational games that learners will find easy to use independently. Each activity has a range of accessibility and difficulty options.</p>
<p>Prodigy maths https://www.prodigygame.com/ Essential maths skills for 1st to 8th grade – this website is in U.S. grades, but valuable for UK Primary age too.</p>	<p>https://mathsbot.com/</p> <p>Interactive tools and activities to aid the teaching of mathematics. Hundreds of randomly generated questions and answers.</p>	<p>Apps (free with no login required)</p> <ul style="list-style-type: none">• 10 Minutes a Day Times Tables• Maths Champions Lite for Kids• Times Tables Quiz• Maths Loops Lite: Times Tables• Monster Maths

websites or apps at home!

<p>https://pages.sumdog.com/</p> <p>Username: Password: School Code: Merrylee</p> 	<p>Khan Academy https://www.khanacademy.org/</p> <p>This site is especially good for maths and computing for all ages. Accessible for children without an account.</p>	<p>www.bbc.co.uk/bitesize/subjects/zjxhfg8</p> <p>For all ages – can be used to help with homework, revision and learning. Videos, step by step guides, activities and quizzes all by stage level. KS1 – age 5-7.</p>
<p>www.mathplayground.com</p> <p>Free online maths games and more – problem solving, logic games and number puzzles that children love to play!</p>	<p>www.echalk.co.uk/Primary/numeracy.html</p> <p>Educational games, simulations, puzzles and activities created with a focus on learning through fun.</p>	<p>www.topmarks.co.uk/maths-games/</p> <p>A searchable site of thousand of quality teaching resources, interactive resources and games.</p>
<p>https://www.oxfordowl.co.uk/welcome-back-for-home/reading-owl/maths</p> <p>Educational resources and free eBooks to support children’s learning at primary school and home.</p>	<p>https://www.coolmath4kids.com/</p> <p>Math and Games for Kids, Teachers and Parents. Math lessons and fun games for kindergarten to sixth grade, plus quizzes, brain teasers and more.</p>	<p>https://www.doorwayonline.org.uk/</p> <p>Doorway Online is a collection of free and highly accessible educational games that learners will find easy to use independently. Each activity has a range of accessibility and difficulty options.</p>
<p>Prodigy maths https://www.prodigygame.com/ Essential maths skills for 1st to 8th grade – this website is in U.S. grades, but valuable for UK Primary age too.</p>	<p>https://mathsbot.com/</p> <p>Interactive tools and activities to aid the teaching of mathematics. Hundreds of randomly generated questions and answers.</p>	<p>Apps (free with no login required)</p> <ul style="list-style-type: none"> • 10 Minutes a Day Times Tables • Maths Champions Lite for Kids • Times Tables Quiz • Maths Loops Lite: Times Tables • Monster Maths



Times Tables

Spend at least 15 minutes a day practising your times tables

<https://ttrockstars.com/>

<https://www.topmarks.co.uk/maths-games/hit-the-button>

<https://www.timestables.co.uk/>

Column subtraction

Make your own tens and ones using straws, tooth pics, pencils (or anything else you can think of which you can make into bundles of ten).

Practice column subtraction with your tens and ones, then have a go at drawing them out. Once you have done this, practise column subtraction with just numbers.

Why don't you use a dice to generate your numbers and make some column subtraction questions of your own.

Link to video for column subtraction of 2 2-digit numbers:

<https://www.youtube.com/watch?v=pADFYrGdyYE&list=PLWIJ2KbiNEyq1iZ36fRe-xTJ4NNZsmYz9&index>

Maths Games

Choose a maths game to play each day.

Have a go making up new rules or inventing your own maths game.

<https://matr.org/blog/fun-maths-games-activities-for-kids/>

Link to maths games videos:

https://www.youtube.com/watch?v=foj6ujoT_HU&list=PLWIJ2KbiNEyoBDc5yLJ4PaiaY3o5E5xCB

Grid method multiplication

Multiply a 2-digit number by a 1 digit by making your own place value counters to help you. You can either draw on counters or make your own out of card/paper.

Once you have had a go with counters, practise by drawing out the counters. Then have a go practising with just the numbers.

Link to video for multiplying a 2-digit number by a 1-digit number:

<https://www.youtube.com/watch?v=RRX3AQzYWHM&list=PLWIJ2KbiNEyq1iZ36fRe-xTJ4NNZsmYz9&index>

Column addition

Make your own tens and ones using straws, tooth pics, pencils (or anything else you can think of which you can make into bundles of ten).

Practice column addition with your tens and ones, then have a go at drawing them out.

Once you have done this, practise column addition with just numbers

Why don't you use dice to generate your numbers and make some column addition questions of your own.

Link to video for column addition of 2 2-digit numbers:

<https://www.youtube.com/watch?v=hHM25Nx4vhg&list=PLWIJ2KbiNEyq1iZ36fRe-xTJ4NNZsmYz9&index=7&t>

Short division - division as grouping and sharing

Get some something you can use to share (counters/raisins/grapes etc....) Practise dividing by sharing and dividing by grouping.

Link to video:

<https://youtu.be/bdglIPNNhuI>

Divide a 2 digit number by a 1-digit number by making your own place value counters to help you. You can either draw on counters or make your own out of card/paper. Once you have had a go with counters, practise short division drawing out the counters. Then have a go practising with just the numbers.

Link to video for dividing a 2-digit number by a 1-digit number:

<https://www.youtube.com/watch?v=4EcMON3F1yE&list=PLWIJ2KbiNEyq1iZ36fRe-xTJ4NNZsmYz9&index>


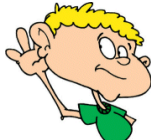


Merrylee Primary School

P3 Literacy Home Learning

We do between 5 and 6 hours of Reading, Writing, Listening and Talking a week but try and do what you can at home. Have fun on some of these websites or with the activity ideas at home!



<p>http://more.starfall.com/?t=289238018&nrb=1&y=1</p> <p>Starfall activities are research-based and align with Individual and US Standards in English language arts and mathematics. Still applicable in UK</p>	<p>https://www.seussville.com/</p> <p>Welcome to Seussville, the home of all things Dr. Seuss. I don't think you meant to go this way. Wouldn't it be better to stay and play?</p>	<p>https://www.oxfordowl.co.uk/welcome-back/for-home/reading-owl/english--1</p> <p>Educational resources and free eBooks to support children's learning at primary school and home.</p>
<p>https://www.abcya.com/</p> <p>ABCya.com is a website that provides educational games and activities for school-aged children. The games on the website are organized into grade levels from pre-kindergarten to Sixth grade, as well as into subject categories such as letters and numbers.</p>	<p>http://www.crickweb.co.uk/ks1literacy.html</p> <p>English educational kids games and activities. Teach your child, spelling, reading, alphabetical order and grammar with these English learning games.</p>	<ul style="list-style-type: none">• Ask your child to pick a topic they'd like to learn about and spend 30 mins each day on that topic. Can they produce a poster, a leaflet or a booklet with their research and add some pictures to illustrate?
<ul style="list-style-type: none">• Can you write a short story or your news and illustrate it?• Why don't you make your own book and learn how to do simple book binding.	<ul style="list-style-type: none">• Select a range of picture books that you have in the house – which one is your favourite and why?	<ul style="list-style-type: none">• Ask your child to write a letter and/or email to a different friend or family member each day.• What about creating and making notes or letters to send to a local nursing home?
<ul style="list-style-type: none">• Make tents and reading caves with flashlights, tidy snacks, books, and pillows! 	<ul style="list-style-type: none">• Write a story cooperatively. One person picks a character and the other picks a setting and then write your story together.	<ul style="list-style-type: none">• Listen to kid podcasts – some good examples are 'story pirates' and 'smash boom best.' 



Great ways to enjoy reading with your children

As a parent you are probably helping your child with reading much more than you may realise. If your home contains books, magazines and catalogues and your child sees you reading, if you read to your child and talk together about familiar stories and if you also use printed materials to find things out, then your child already has a head start in this area.

- ☺ Sharing a book with a child is fun - it's a time for **closeness, laughing** and **talking together**
- ☺ **Make time** for books and reading together
- ☺ You can share books **anywhere**, in a chair, in the bath, on a train, or at bedtime
- ☺ Children who enjoy reading **do better** at school
- ☺ **Talk** about what is happening in the pictures to help your child make sense of the story
- ☺ Enjoy the **rhyming** words and laughing together at the funny bits
- ☺ Help bring the books to life - **draw pictures** of your child's favourite characters and **make up stories** about them together
- ☺ Find out about **recommended books** at libraries, bookshops and on book websites. Why not start by heading to the Book Trust Children's site? www.booktrustchildrensbooks.org.uk/Home
- ☺ Try a **poem a day** as part of bedtime reading - there are great books offering a poem for every day of the year. Soon your child will be choosing a poem too!



Use the spelling lists on the next page to complete these activities over the next four weeks.

<p>Write your words 3 times each using 'Look, Say, Cover, Write and Check'.</p>	<p>Write your words with SILLY letters. Make sure it is legible!</p>	<p>Write your words 2 times each using Rainbow letters.</p>	<p>Write your words and work out how much each word is worth. eg. A = 1 B = 2 Z = 26</p>
<p>Write your words with blue vowels and red consonants.</p>	<p>Write your words with all CAPITAL letters.</p>	<p>Write your words with dots on the letters. It's called 'Pointillism'.</p>	<p>Write your words with an AB colour patterns. Design your own 'colour code' system for each letter!</p>



Merrylee Primary School

Outdoor Home Learning



The National Trust UK have produced a list of 'must do' activities they would encourage every child to tick off before they are 11 ³/₄! How many will you manage?

As long as everyone in your family is fit and healthy, try and get out for some fun and fresh air every day!

50 things to do before you're **11³/₄**

How many have you done?

We've been working closely with kids just like you to put together this list of the best things to do before you're 11 ³/₄. (Although lots of them are still great fun even when you're 81 ³/₄.) You'll find fun things to do for every kind of outside place, from mountains to sea, forests to fields. So what are you waiting for? Get out there and see how many you can do!

 1. Get to know a tree	 2. Roll down a really big hill	 3. Camp outdoors	 4. Build a den	 5. Skim a stone	 6. Go welly wandering	 7. Fly a kite	 8. Spot a fish	 9. Eat a picnic in the wild	 10. Play conkers
 11. Explore on wheels	 12. Have fun with sticks	 13. Make a mud creation	 14. Dam a stream	 15. Go on a wintry adventure	 16. Wear a wild crown	 17. Set up a snail race	 18. Create some wild art	 19. Play pooon sticks	 20. Go paddling
 21. Forage for wild food	 22. Find some funky fungi	 23. Get up for the sunrise	 24. Go barefoot	 25. Join nature's band	 26. Hunt for fossils and bones	 27. Go stargazing	 28. Climb a huge hill	 29. Explore a cave	 30. Go on a scavenger hunt
 31. Make friends with a bug	 32. Float in a boat	 33. Go cloud watching	 34. Discover wild animal clues	 35. Discover what's in a pond	 36. Make a home for wildlife	 37. Explore the wonders of a rock pool	 38. Bring up a butterfly	 39. Catch a crab	 40. Go on a nature walk at night
 41. Help a plant grow	 42. Go swimming in the sea	 43. Help a wild animal	 44. Watch a bird	 45. Find your way with a map	 46. Clamber over rocks	 47. Cook on a camp fire	 48. Keep a nature diary	 49. Watch the sunset	 50. Take a friend on a nature adventure

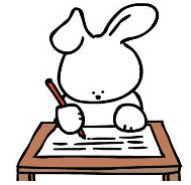



Merrylee Primary School

Cross Curricular Home Learning

Try some of these ideas or the websites with your family!

This term we have been concentrating on: _____ .



<p>https://www.tts-group.co.uk/home+learning+activities.html</p> <p>A great 104 page Activity Book for all areas of the curriculum. KS1 Book is suitable for children age 5-7.</p>	<p>Charanga Music – Teacher Login</p> <p>https://charanga.com/site/musical-school/</p> <p>username 173220</p> <p>password: uzcq3rp2ny</p> 	<p>BBC Learning</p> <p>http://www.bbc.co.uk/learning/coursesearch/</p> <p>This site is no longer updated but there's so much still available, from language learning to BBC Bitesize for revision. No TV licence required except for content on BBC iPlayer.</p>
<p>https://whatmomslove.com/kids/active-indoor-games-activities-for-kids-to-burn-energy/</p> <p>Lots of great fun ideas for everyone in the family to get involved with!</p>	<p>https://www.buzzfeed.com/mikespohr/activities-for-kids-while-inside-because-of-the-coronavirus</p> <p>Lots of fun family ideas - 'Make being cooped up inside unforgettable'</p>	<p>National Geographic Kids</p> <p>https://www.natgeokids.com/uk/</p> <p>Activities and quizzes for younger kids.</p>
<p>Mystery Science</p> <p>https://mysteryscience.com/school-closure-planning</p> <p>Free science lessons.</p>	<p>The Kids Should See This</p> <p>https://thekidshouldseethis.com/</p> <p>Wide range of cool and unusual educational videos.</p>	<p>Crest Awards</p> <p>https://www.crestawards.org/</p> <p>Science awards you can complete from home.</p>
<p>Red Ted Art</p> <p>https://www.redtedart.com/</p> <p>Easy arts and crafts for little ones.</p>	<p>Nature Detectives</p> <p>https://naturedetectives.woodlandtrust.org.uk/nature-detectives/</p> <p>A lot of these can be done in a garden, or if you can get to a remote forest location!</p>	<p>Toy Theater</p> <p>https://toytheater.com/</p> <p>Educational online games.</p>



Try some of these ideas or the websites with your family!

- Try to follow a recipe and bake something from a recipe book
- Use all of your building toys on one giant structure!
- Races of various kinds in the garden (hopping on one foot, crabwalk, walking backwards, etc.)
- Try stop motion animation with play dough
- Go Noodle! Great for guided movement, relaxation, etc.
- Fun with Board games, card games and Lego – Have a board game tournament
- Learn to sew!
- Gardening - weed and work the ground and even plant some seeds!
- Have a shadow show in the reading tent (you can use blankets over chairs or a table)
- Play with cornstarch and water and some simple action figures
- Collect some cardboard boxes and tape markers and use your imagination
- Pick your favourite song with a 20 second refrain or verse perfect for hand washing length of time
- Family Jigsaw puzzles. Ones that are 500-1000 pieces and a challenging but not frustrating picture
- Make your own games! Board games, card games, you name it!
- Any and all art is fun at home: beading, painting, drawing, play dough or kinetic sand, sewing, etc.
- Yoga - There are child-friendly YouTube videos and printed cards with poses.
- Zumba or Dance-along videos on YouTube
- Draw self portraits on blank faces
- Colour code different interesting places on a map of your local area
- Scavenger hunts, indoor treasure hunts - follow clues through the house to a "treasure" at the end and a lot of games of charades.
- Kitchen chemistry - type science experiments that are easy to do, like making slime, baking soda and vinegar reaction, etc. Put food colouring under the baking soda in a mini muffin pan and used Pipette to drop vinegar in and then you can see the colour
- Glow stick party – dance till you drop!
- Film Literacy - have a popcorn + movie marathon
- Olympic Games – children create events and competitions - funny ones, helpful ones like cleaning and really fun ones like minute to win in style!
- Build a tent in the house with blankets and chairs.
- Do a study on planets, and then create your own planets- How big is it? Where in the universe is it located? Atmosphere conditions: Can it sustain life? How long is a day/year, name it, etc. You could even spread the planets out around the house to show "approx." distance from each other.