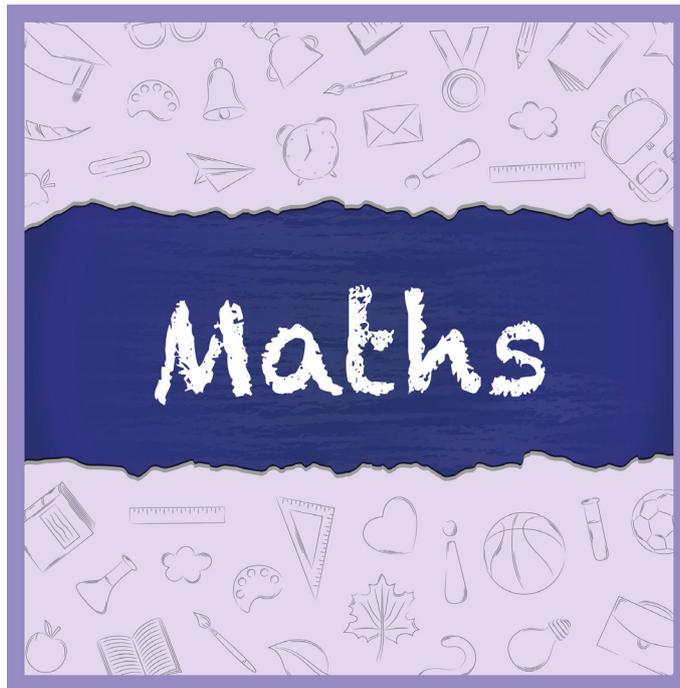


Reception

Maths at home for Parents and Carers

Place value and addition and subtraction



This short leaflet covers the **Core Concepts** and ideas that your child will need to know this year.

You will find suggestions for games to play, activities to do and websites to access to support you, as your support your child.

'Catch-up Funding'
offer for schools



Websites and Links

Key learning

- www.bbc.co.uk/teach/school-radio/nursery-rhymes-a-to-z-index/z4ddgwx
- www.crickweb.co.uk/Early-Years.html
- www.bbc.co.uk/cbeebies/grownups/help-your-child-with-maths
- www.topmarks.co.uk/maths-games/3-5-years/counting
- *Always be aware of the sites your child is using. For more information about keeping your child safe online, please check on www.nspcc.org.uk/keeping-children-safe/online-safety/*

Equipment

Simple sets of objects such as pine cones, large pebbles, large chinks, old weighing scales and measuring tapes will inspire your child to talk about maths and use number in their play!



Top Tips

- Ask questions but don't overload children, they will need time to think before they answer. Try questions that don't have a yes or no answer such as, 'what do you think?' or, 'what can you see?'
- Take an interest in the things your child enjoys.
- Talk wherever and whenever you can e.g. in the supermarket, while you make a snack, when helping your child to get dressed.
- Use new and interesting words (use language about amounts like more/less/fewer/greater).
- Read and tell stories as often as you can.
- Sing nursery rhymes and counting songs together.
- Allow your child to help you with jobs around the house like making
- Snacks, talk about how many pieces of bread you need, etc.
- More tips and activities to support your child's communication and language development can be found on the Hungry Little Minds website; <https://hungrylittleminds.campaign.gov.uk/>

Key of abbreviations

Abbreviation	What it means
PSED	<i>Personal, social and emotional development</i>
CL	<i>Communication and Language development</i>
PHY	<i>Physical development</i>
Lit	<i>Literacy</i>
Maths	<i>Mathematics</i>
UW	<i>Understanding of the world</i>
EAD	<i>Expressive arts and design</i>

NO RESOURCES NEEDED!

Activity	What to do	Areas of learning links
Count stairs	<i>As you climb any steps count up from 0. When going down stairs try counting back from a given number (especially if you know how many steps you will be going down).</i>	<i>Phy developing movements and balance during stair climb.</i>
What number can you see?	<i>Choose a number and when walking to different places spot the number, count up and down along door numbers in a street, talk about numbers being odd and even.</i>	<i>CL UW Extend vocabulary by talking about the different home types, detached, semi detached, terraced etc., discuss the community and what it is like living in the area, develop early geographical skills by thinking about numbers we see on the routes we take.</i>
Spot the bus	<i>Find out about local bus routes, what numbers do we see? Which number is bigger/smaller/has more/less in it, do we have the same number anywhere else? Make our own shoe box buses with different numbers, make a line for the bus talk about 1st in line 2nd, 3rd etc.</i>	<i>CL UW Extend vocabulary talking about transport types, are there numbers for other types of vehicles, look at transport types in books and online and make a bus station role play to support EAD.</i>
Spot the licence plate	<i>Choose a number and see if you can spot it on a licence plate, make own licence plates for cars/bikes/transport toys and choose numbers for these we could put in order from biggest-smallest.</i>	<i>PHY Writing Can we make our own licence plates? Children can mark make/form letters and numbers correctly.</i>
Daily routine count as we get dressed	<i>As children get dressed/prepare for PE/ outdoor time count item on... 1 sock, 2 sock, 1 leg 2 leg.</i>	<i>PSED encourages dressing self independently.</i>

Activities suggested by family

- These will need some resources but are great fun and will keep your children occupied with mathematical learning!



Number Hunt in Jelly

- *The early years maths activity:* Learning numbers with jelly by make do and friend
- *In a nutshell:* First, spread out some plastic numbers in jelly layers. When it's all set, give out some tongs to children and show them how to pick up the numbers from the wiggly substance (and practice their fine motor skills along the way!).
- This sensory play is a great way of sneaking in number recognition to something fun and engaging for the children.
- *What you need:* jelly, bowls, plastic numbers



Missing Numbers

- *The early years maths activity:* [Missing Number Math Activity by Planning Playtime](#)
- *In a nutshell:* Write number sequences on craft sticks and remember to leave some blanks in between. Next, you write the missing numbers on a bunch of clothes pins and give them out to your class. Now you're ready to let the children use their fine motor skills and clip the pins on sticks.
- The best thing about this inexpensive early years maths activity is that you only create the props once and they're ready to be used as many times as you like.
- What you need: craft sticks (colour or plain), a felt tip or marker pen, clothes pegs.



- <https://family.co/blog/inspiration/10-creative-early-years-maths-activities/>



Smack It

- *The early years maths activity:* [Smack the Number Counting Game by Fun Learning for Kids](#)
- *In a nutshell:* Prepare some sticky notes with various numbers and place them in front of the children armed with fly swatters. The goal of this simple yet fun game is for the little ones to identify the number on the dice and match it with the ones written on sticky notes before smacking the correct answer with a fly swatter!
- *What you need:* dice, fly swatter, sticky notes



Straws and Pom Poms

- *The early years maths activity:* [Straw and Pom Poms Counting Game by Nurture Store](#)
- *In a nutshell:* Label small containers with some numbers that you'd like your learners to practice and prepare some straws and pom poms. To play this early years maths activity, the children simply put the straw on a pom-pom, suck in to try and pick it up and drop over the containers until they've got the right number in each one.
- *What you need:* pom poms, straws, shallow containers, labelled stickers (or any paper, glue and marker)



Spinning Cups

- *The early years maths activity:* [Cool Math Activity for Kids by Planning Play-time](#)
- *In a nutshell* - It's a great, interactive activity for introducing simple equations. You just need to take a sharpie, write some numbers and mathematical symbols on the edges of styrofoam cups, and then stack them on each other in a logical order (e.g. $1 + 3 = 4$). Now, show the little ones how to spin the different cups and create true equations!
- *What you need:* styrofoam cups with lips, felt tip or marker

