

Lets achieve together!

Working with your child at home will reinforce the learning, teaching, fun, play and exposure to number that your child is experiencing at Euston Street PS.

Maths World Passport



Our school number scheme is the Maths World Passport. This engages your child to progress within number and achieve a continent every school year. Each continent shows progression within the numeracy curriculum and by Year 7 each child should be a Globe Trotter! Pupils have their passport pictures displayed on the World Map in the assembly hall.

- ⇒ By the end of Y1 your child should have travelled to Europe.
- ⇒ By the end of Year 2 your child should have achieved Asia
- ⇒ By the end of Year 3 your child should have achieved Africa.

The school website has a breakdown of all the stages within the Passport
eustonstreetps.co.uk



Helpful Websites

Children make progress when they regularly repeat skills and practice them until they become embedded. Using a game or an exciting activity may make this process more interesting. The following websites have numerous games and activities

There are useful 'how to' videos and online games and activities for each age group.

<https://www.oxfordowl.co.uk/for-home/maths/>



- ◆ The School Run
- ◆ Education City
- ◆ Primary Games
- ◆ Maths Zone
- ◆ Topmarks
- ◆ ICT games
- ◆ CBeebies—Little learners numeracy
- ◆ Crickweb.co.uk
- ◆ Maths Playground.com

Ipad apps (free)

- * Kids counting
- * Number Quiz
- * Kids Math Learn number game
- * Math Bingo
- * Friends of 10—making 10
- * MathTappers: Find sums

If you have any questions or concerns about your child's learning within numeracy please speak the numeracy co-ordinators Mrs L Rainey and Mrs K Templeton.

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Year 1—Year 3 Number

Working together for excellence in
our learning, our school,
our community and our future

**Information for
parents/guardians**

This information is aimed to support you and your child in the area of number.

Children make progress when they regularly repeat skills and practice them until they are embedded. These are areas of learning that you could support your child with at home.

Counting Songs and stories

Children start learning numbers and counting incidentally through nursery rhymes and number songs. Songs such as one, two, buckle my shoe will help counting forwards. While other numbers will start the process of subtraction., e.g. 5 little monkeys jumping on the bed, will grasp counting backwards.

There are numerous counting songs on You Tube, BBC, CBeebies and Topmarks. Count the steps, count the cars that pass

Children will progress to counting using one to one correspondence. They may need to touch each object, place them in a line or mark them off to ensure they have counted all the items.

Questions to ask.....

Count how many eggs we are using for the breakfast?

What number comes after ____?

What number comes before ____?

If I had 1 more button how many would I have?

Daddy has eaten one sweet, how many do we have left?



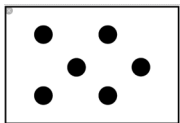
Patterns and subitizing

Playing **dice games** will help children to recognise dot patterns to 6. (Dice can also be purchased with numbers greater than 6 and in quiet versions!) There are great dice games to be played from a young age. **Dominoes** also help with pattern recognition and help children make connections with estimation.

Subitizing is the ability to tell the number of objects in a set quickly without having to count each object. This helps to develop number sense. **Flashing pattern cards and dominoes**, all great ways of testing your child's ability to subitize.

coolkindergarden.com

[You Tube—Jack Hatmann—Subitize rock](#)



Questions to ask.....

How many dots are there altogether on the dominoes?

Tell me how you grouped the dots together?

Can you see any doubles?

Can you place 5 buttons on the ten frame, can you think of another way to place the 5 buttons, and another etc.

Number formation and recognition

Learning to write numbers is a key skill that will help with maths skills in later life. Within school children become familiar with the shape of the number with rhymes and stories. Children can point their finger to make the number in the air. Lots of sensory activities are also used within play based learning to promote the correct formation and tracing numbers. e.g.

playdough, sand, salt, glitter, chalk, sprinkles, painting.

Number hunts and matching games will ensure children understand the numeral

associated with the number. **At home it is important to write or trace over numbers and correct incorrect number formation. Lots of real life discussions can display that your child understand numerals. Looking at house numbers, find a number on the sign.**

www.topmarks.co.uk/ladybirdspots

Questions to ask.....

What number is that bus?

Can you find the number to match the dot pattern?



BONDS TO 10



Number bonds and families

Number bonds show how numbers join together and break into component parts. They help children progress to addition and subtraction. Number bonds are essential for mental problem solving. Learning the story of each number is so important e.g. Story of 5 =

0+5, 1+4, 2+3, and the reverse 3+2, 4+1, 5+0

Topmarks, - Hit the button—number bonds

ICT games - funky mummy bonds to 20

Ten and twenty frames

Questions to ask.....

Tell me 3 different ways to make the number 10.

How can you tell 3 more is needed in the ten frame?

Addition

Addition is the term we use to add two or more numbers together. It's part of real life, adding items when we are shopping, working out a bill, measuring ingredients etc. Children will use counting, numeral recognition, number families and bonds to assist them with addition. They should understand when adding they will have a greater number in the result. They should also understand that it doesn't matter how the numbers are added, the answer will be same. At this stage children will be using many strategies to find the total of numbers e.g. sing a number line, using fingers to count on, remembering number binds, memorising doubles, understanding near doubles.

Adding games at home can include rolling two dice and find the total, adding numbers on a registration plate, board games etc. There are lots of online games.

Topmarks—number fact families

Maths-games.org—Ladybird doubles

Questions to ask.....

What is one more than 19?

Tell me how many altogether if I have 4 carrots and you have 5 carrots?

What needs to be added to 6 to make 12?

Subtraction

Subtraction, removal, take away, less, counting back, minus are all ways of saying subtraction. Like all numeracy activities children will start using practical apparatus to learn the concept of subtraction before moving into written calculations. It is important to teach the (commutative property) relationship between adding and subtracting.

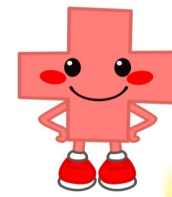
Activities for home include subtraction bowling, race to 0 (start with 20 objects, roll the dice to remove) whose rocket will launch first, spin and subtract. Online games include Maths Playground.com—minus mission, Splash maths—subtract to compare.

Questions to ask.....

If I had 9 sweets and I gave 4 to you, how many are left?

Work out 18 remove 14.

What is 20 minus 5?



$$6 - 3 = 3$$

