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Fun with numbers

**How to make your
help count**

OUT AND ABOUT

POINT OUT numbers you see everyday such as numbers on houses, buses, car number plates, prices, road signs.

LOOK at house number patterns as you walk along. What number will be next? Are they odd or even numbers? Count how many steps from one place to another.

COUNT people on a bus, in a queue, etc.

HOW MANY shells/pebbles can you find in one minute?

HAVE A PICNIC and share out the crisps, sweets or grapes between people or toys. How many does each person get?

HOW MUCH CHANGE will we spend at the shops and how much change will we get?

CARD GAMES

GRAB 10: Remove the 10s, Jacks, Queens and Kings. Aces will be worth 1. Lay the remaining cards face up. How many pairs of cards can you find that add to make 10?

1st TO 20: Play with cards 2, 3, 4 and aces worth 1. Place the cards face down in one pile. Take turns to collect a card from the top of the pack. Continue to take turns collecting a card with each person adding their numbers together. The winner is the first to reach 20.

PONTOON: Jacks, Kings, Queens are worth 10. Aces are worth 11. Deal 2 cards each. Add the two cards. The winner is the person with the total nearest 21.

EARLY LEARNING GOAL

(the skills your child will demonstrate during the summer term if they are showing typical development for their age)

Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number. Using quantities and objects, they add and subtract two single digit numbers and count on or back to find the answer. They solve problems, including doubling, halving and sharing.

EXCEEDING

(the skills your child will demonstrate during the summer term if they are showing development ahead for their age)

Children estimate a number of objects and check quantities by counting up to 20. They solve practical problems that involve combining groups of 2, 5 or 10, or sharing into equal groups.

EVERY DAY FUN!

DOT TO DOT: Simple dot to dot puzzle books are a great way to practise number recognition and number order.

NURSERY RHYMES: Sing number songs and rhymes which involve numbers eg 10 green bottles or the doubling song.

GUESS how many sweets or shells you can hold in one hand and then check by counting.

COUNTING STEPS: Count in steps of 1s, 2s, 5s or 10s saying a number name each time you do activities such as throwing and catching a ball, clapping hands, jumping, hopping or climbing stairs on the way to bed.

WRITE DOWN A NUMBER but keep it a secret! Ask your child to guess your number by asking questions about it such as “is it more than 10?”, “is it less than 4?”.

AT HOME

FINDING NUMBERS: Help your child to look for numbers in newspapers, magazines, leaflets, etc. Cut them out and glue them in order. Alternatively, take a collection of photos of items your child chooses with the corresponding number labels from 1 to 20. Put them together in a little album.

TAKE ONE CARDBOARD BOX and turn it into a car park, a stable, a palace or a train station. Stick number labels on toys and park/put them in the correct place.

MAKE A LITTLE BOX OF INSPIRATION! Take an old shoe box and fill it with items from around the home such as Duplo bricks for colour matching and counting, cotton reels on a thread for helping with addition and subtraction, Playmobil animals for counting and comparing sizes, objects with number stickers on for number recognition and ordering, a dice, scissors, paper and a pencil for pictures and writing down ideas, a tape measure and a ruler, blocks for learning about 3D shapes, magnetic numbers, a number line, etc.

JAR OF COINS: Use 2ps, 5ps and 10p coins to support learning the times tables. Use 10ps to count in 10s. Pick out 3 coins and add by counting on from the highest value coin.

HAT NUMBERS: Place numbers 1-10 (or extend to 20 and beyond) in a hat or box. Pick out one number and count on or back from that number. Pick 2 numbers from the hat and count forwards and backwards between them.

FOOD FOR THOUGHT: Ask your child questions such as “there are 5 people in our family, if we have two biscuits each, how many will we eat altogether?” or “I have 15 sweets. If I share them between you and your two friends, how many will you each get?”

PLAY SHOP: Create a shop! Make price tags for items around the home (1p to 20p) and use real money to play at being the shop keeper or the customer. Buy two items, how much altogether?