Maths: Counts Objects and Actions Which Cannot Be Moved

Home Learning Challenge

Make a collage. Collect a range of materials such as buttons, coloured paper, coloured sticks, sequins or felt pieces. Decide which material you want to use first, and then roll a dice to find out how many pieces you can stick on your picture. Count the dots on the top of the dice then count out that many of your chosen material. Choose a different material and roll again.
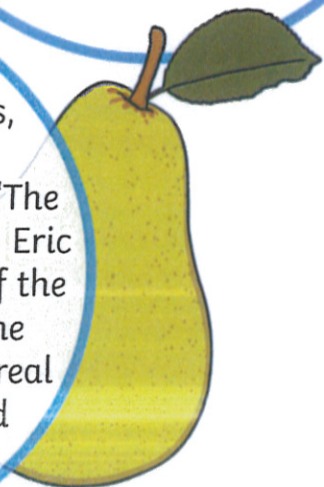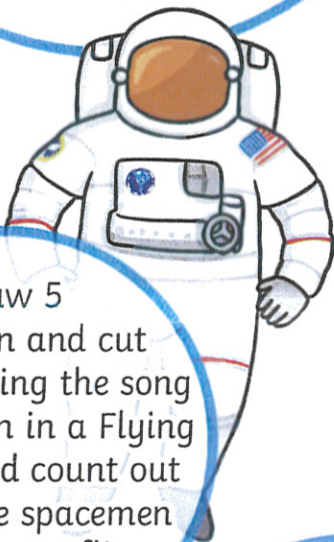
Go to the park and collect 10 stones, sticks and leaves. Bring them home and count out 6 of each. Can you make a picture on the floor using your objects? What can you make? Take a picture of your creation and bring it into school/nursery to show your class.

Draw and cut out 1 apple, 2 pears, 3 plums, 4 strawberries and 5 oranges. Read the story of 'The Very Hungry Caterpillar' by Eric Carle and count out each of the fruits as you read it in the story. You could even buy real fruit from the shops and count that as you read.

Draw 5 spacemen and cut them out. Sing the song "5 Little Men in a Flying Saucer" and count out each of the spacemen left after one flies away.

Plant some flowers or vegetables in your garden. Plant them in rows of 6, counting out 6 from the pack each time. Make sure you take care of them and keep them watered.

Write the numbers 1 to 6 on A4 pieces of paper (one big number on each piece of paper). Lay them out on the floor and order them from 1 to 6. See if you can collect objects for each of the numbers from around your house or garden. You could collect 4 buttons, 5 leaves, 6 pencils etc.
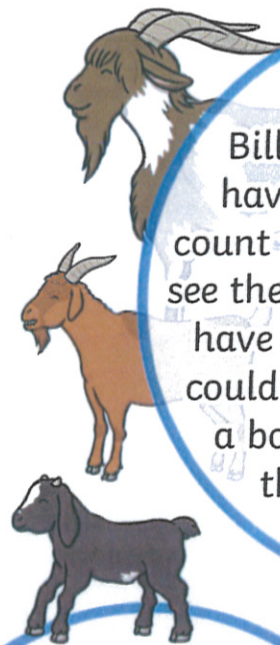
Counting Up To Four Objects

Home Learning Challenge

Write the numbers 1, 2, 3 and 4 using chalk on the floor in your garden or yard. See if you can find one item to put on the number 1, two items that are the same for number 2, three items that are the same for number 3 and four items that are the same for number 4. You could use natural objects in the garden or find something from inside, such as pencils, cups or books.

Tell the story of the 3 Billy Goats Gruff. If you have the book, you could count the goats each time you see them in the pictures. If you have some toy animals, you could act out the story using a book as a bridge. Count the goats as they go over the bridge.
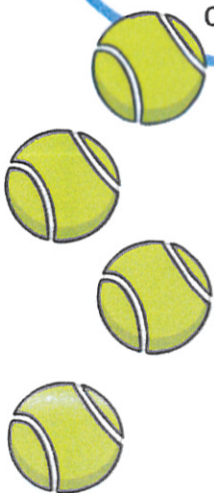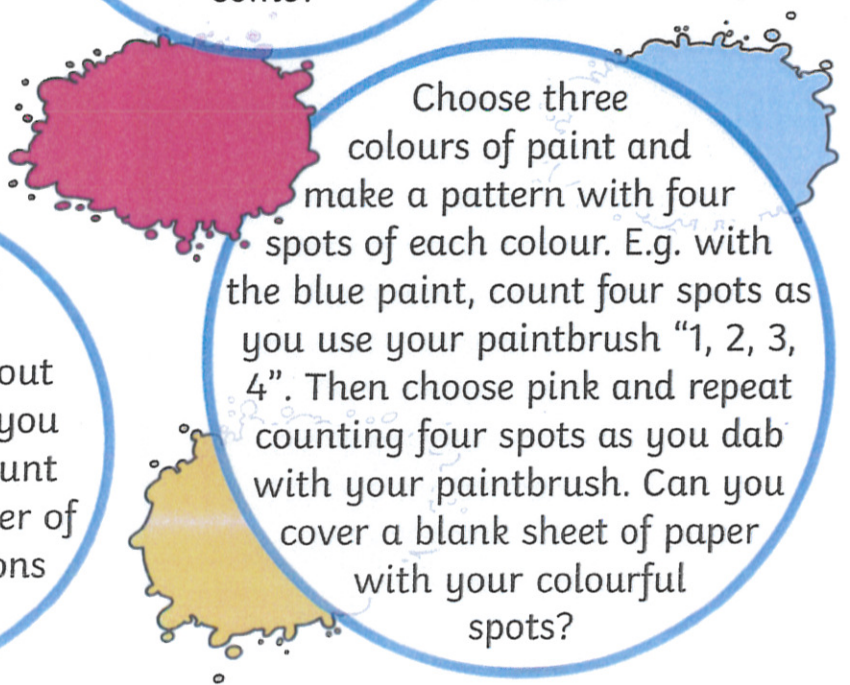
Get a bucket and four balls. How many can you get in the bucket? Count them as they land inside the bucket. Make it harder by moving the bucket further away. Can you get more balls in or less?

Choose three of your favourite toys to have a tea party with. How many teacups do you need? Count them as you fill them up. How many pieces of cake will you need so that everyone has some?

Can you help to set the table for a mealtime? Count out how many plates you will need. Then count out the right number of forks, knives, spoons and glasses.
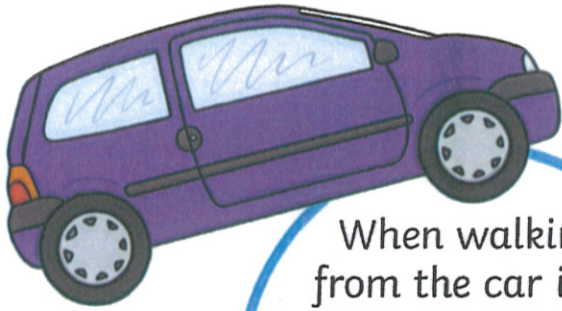
Choose three colours of paint and make a pattern with four spots of each colour. E.g. with the blue paint, count four spots as you use your paintbrush "1, 2, 3, 4". Then choose pink and repeat counting four spots as you dab with your paintbrush. Can you cover a blank sheet of paper with your colourful spots?

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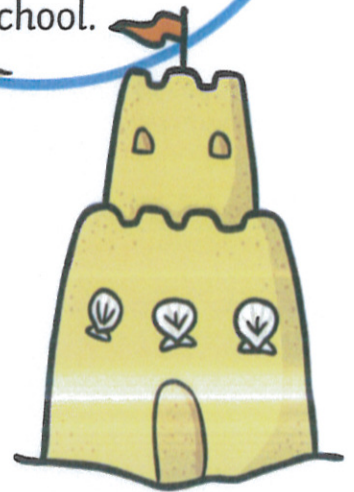
Home Learning Challenge

When walking from the car into the house or from the shop back to the car, count the number of steps it takes you.

Draw a picture of the beach and the kind of items you can find there, such as buckets, spades, crabs and sandcastles. Can you count the number of objects on your picture? Write down how many there are and bring your picture into school.

Can you count the number of cars on your street? How many can you see?

Play a game together where you close your eyes and a grown-up claps a certain number of times. Can you count the number of claps? Swap around and get them to count the number of claps you do.

Bake a cake together. When you have weighed out each ingredient, spoon it into the mixing bowl. How many spoonfuls of each ingredient are there?

Are there any trees in your garden? Can you count how many there are? You could also go to the park and count the trees there.