



PLANIT
TEACHERS

Mathematical Adventures for 5-Year-Olds: Exploring Numbers and Counting

Student Name: _____

Class: _____

Due Date: _____

Introduction to Numbers and Counting

Welcome to our mathematical adventure, where we will explore the exciting world of numbers and counting. In this lesson, we will learn to recognize and write numbers 1-10, count objects up to 20, and develop our problem-solving skills.

Activity 1: Number Scavenger Hunt

Find the numbers 1-10 in the pictures below and write the correct number next to each picture.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Activity 2: Counting Fun

Count the number of objects in each picture and write the correct number.

1. How many blocks are in the picture? _____
2. How many leaves are on the tree? _____
3. How many flowers are in the garden? _____

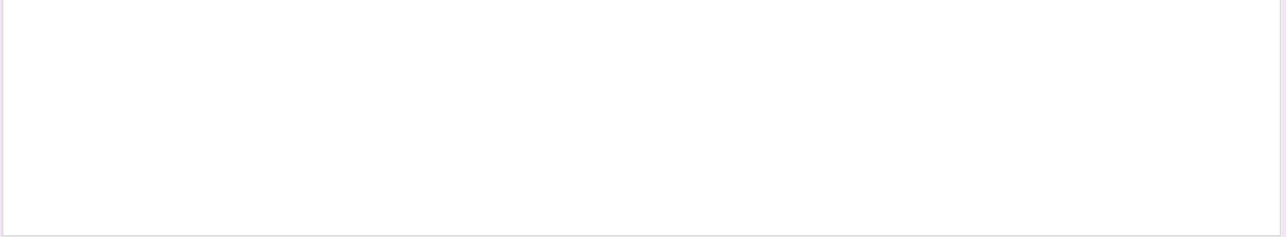
Activity 3: Pattern Blocks

Create a pattern using the blocks below. What comes next in the pattern?

1. Red, blue, red, blue, _____
2. Big, small, big, small, _____
3. Circle, square, circle, square, _____

Activity 4: Maths in Nature

Find examples of numbers and patterns in nature. Draw a picture of what you find and write a short sentence about it.

A large, empty rectangular box with a light purple border, intended for a student to draw a picture of a natural example of numbers or patterns and write a short sentence about it.

Activity 5: Counting Game

Play a counting game with a friend or family member. Take turns counting objects, such as toys or blocks, and see who can count the most.

Conclusion

Well done! You have completed our mathematical adventure. Remember, maths is all around us, and we can find examples of numbers and patterns in nature.

Assessment

Please complete the following questions to assess your understanding of numbers and counting.

1. What is the number that comes after 5? _____
2. If I have 3 blocks and I add 2 more, how many blocks do I have now? _____
3. What is the shape of a leaf? _____

Extension Activity

Create a maths-themed collage using natural materials, such as leaves, sticks, and rocks. Write a short sentence about your collage and what it represents.

A large, empty rectangular box with a thin black border, intended for students to create a maths-themed collage using natural materials like leaves, sticks, and rocks. The box is positioned below the instructions and above the writing line.

Write a short sentence about your collage and what it represents.

Parent Engagement

Please support your child's learning by encouraging them to explore maths in their everyday life. Ask them to find examples of numbers and patterns in nature and to count objects at home.

Safety Considerations

Please ensure that your child is supervised at all times during maths activities and that they are using safe and suitable materials.

Teaching Tips

To support your child's learning, please use the following teaching tips:

1. Use natural materials, such as leaves and sticks, to support maths learning.
2. Encourage your child to explore maths in their everyday life.
3. Use visual aids, such as number lines and counting blocks, to support maths learning.

Reflection Questions

Please reflect on your child's learning and answer the following questions:

1. What did your child learn about numbers and counting?
2. How did your child demonstrate their understanding of maths concepts?
3. What activities did your child enjoy most?

Next Steps

To build on your child's learning, please try the following activities:

1. Explore shapes in nature.
2. Measure and compare lengths of objects.
3. Apply maths skills to real-world problems in the garden.