



Counting and Comparing Numbers

Lesson Objectives

- Count objects up to 20.
- Compare quantities using terms such as more, less, and equal.
- Identify the number that is one more or one less than a given number.
- Write numerals 0-20.
- Use manipulatives to represent numbers.

Prior Knowledge

- Basic counting skills.
- Number recognition 0-10.
- Ability to compare objects by size.

Summary

In this lesson, students will develop their understanding of counting and comparing numbers up to 20. They will learn to identify the number that is one more or one less than a given number and write numerals 0-20. Students will also use manipulatives to represent numbers.

Process

1. Step 1: Review counting skills and number recognition 0-10.
2. Step 2: Introduce the concept of comparing quantities using terms such as more, less, and equal.
3. Step 3: Practice counting objects up to 20.
4. Step 4: Introduce the concept of one more and one less.
5. Step 5: Practice writing numerals 0-20.

6. Step 6: Use manipulatives to represent numbers.

Lesson Quiz

Question	Answers	Correct Answer
How many apples are there?	<ul style="list-style-type: none">• 5• 7• 10• 12	7
Which group has more objects?	<ul style="list-style-type: none">• Group A• Group B• Both groups have the same number of objects.• I can't tell.	Group A
What number comes after 15?	<ul style="list-style-type: none">• 14• 16• 17• 18	17
Write the number 10.	<ul style="list-style-type: none">• 1• 5• 10• 15	10
Use the counters to show the number 7.	<ul style="list-style-type: none">• (Image of counters representing the number 7)	(Image of counters representing the number 7)

Lesson Activities

- Counting Game: Students count objects in a classroom or outside environment.
- Comparing Quantities: Students compare groups of objects using terms such as more, less, and equal.
- Number Writing Practice: Students practice writing numerals 0-20.

- Manipulative Play: Students use manipulatives such as counters or blocks to represent numbers.

Lesson Resources

- [Counting Song](#)
- [Number Chart](#)
- [Counting Games for Kids](#)

Materials Needed

- Counters or blocks
- Number chart
- Paper and pencils
- Objects for counting (e.g., crayons, toys)

Lesson Discussion Questions

Discussion Question	Brief Answer
What strategies do you use to count objects?	I count each object one by one.
How can we tell which group has more objects?	We can count the objects in each group and compare the numbers.
What number comes after 10?	11

Homework Questions

- Count the number of toys in your bedroom.
- Draw a picture of 5 apples and write the number 5.
- Use counters to show the number 8.