



GRADE PRIMARY

COUNTING WITH NATURE

Let your kids enjoy the outdoors while doing math!

WHAT YOU'LL LEARN:

- You will learn how to construct a set of objects to a given number and match groups of objects to numbers.
- How to relate mathematical concepts with the natural environment.

OUTCOMES/INDICATORS:

Outcome: N03 Students will be expected to relate a numeral, 1 to 10, to its respective quantity.

Performance Indicators:

N03.01 Name the number for a given set of objects.

N03.02 Match numerals with their given pictorial representations.

N03.04 Construct a set of objects corresponding to a given numeral.

N03.05 Record the numeral that represents the quantity of a given set of objects

MATERIALS:

- Objects in nature
- Ten Frames if needed
- Wooden pieces with numbers
- This activity can be completed outdoors or indoors
- This activity can be completed individually or in groups
- All materials needed for this lesson will be in the bin labeled "P-2"

WHAT TO DO:

1. Today we are going to gather objects in nature to represent a given number. We will also match groups of objects with a number. You will be working individually.
2. Your teacher or guardian will designate an area where the group will search for their objects.
3. The teacher or guardian will shout out a number between 1-10 and each student will have to gather that many objects to represent that number. (Ex: 5,8,3,4,1,7,6,1,10,9)

4. For the next part of the lesson, you will be divided into groups of 5-6. Using the wood pieces with numbers on them, you will practice matching the number on the wooden pieces to the number of given objects. (Use objects from the first part of the lesson to save time)



EXTENSION:

- Encourage students to name what comes before and what comes after the given number.

CREDIT/REFERENCES:

This activity has been modified from the Nova Scotia Curriculum Website.