Gathering Places
Kindergarten

Lesson 2 - Math: Counting, Addition, and Subtraction | 45 minutes

Lesson 1: Counting Activity with the Painting
Lesson 2: Addition and Subtraction Worksheet
Lesson 3: Greater Than/Lesser Than Worksheet

Summary:

Students will practice foundational math skills using The Hollerin' Place on the North Spit: ***elk'elch*** painting as a visual anchor. Students will build number recognition, counting fluency, early addition/subtraction, and the concept of comparing quantities.

Drawing on the painting and accompanying audio files, students will also be introduced to counting in ***hanis***, and may explore additional Indigenous languages: ***miluk, sha'yuushtɬ'a***, and ***quuiich***.

This lesson helps students:

- Count objects from 0–20.
- Connect counting to visual observation.
- Practice addition and subtraction with concrete visuals.
- Compare numbers using "greater than" and "less than" language.
- Hear Indigenous languages and consider how different communities name and count numbers.
- Follow directions and participate in whole-group and partner activities.

Key Discovery:

Students discover that counting is part of many cultures and that numbers can be spoken in many languages.



Standards	• Primary: K.NCC.A.3, K.NCC.B.5, K.NCC.C.6, K.NCC.C.7 • Secondary: K.O.A.A.2
Materials	• Painting: The Hollerin' Place on the North Spit: ***elk'elch*** • Access to the audio files: Counting Activity • Cultural Notes on traditional counting using fingers (thumb → pinky) • Addition and Subtraction Worksheet • Greater/Lesser Than Worksheet
Vocabulary	• **Count:** To say numbers in order while matching them to objects. • **Total:** The whole amount when groups are combined. • **Add:** To join groups together. • **Subtract:** To take away from a group. • **Greater:** A bigger amount. • **Lesser:** A smaller amount.

Setup & Logistics

- Display the painting where all students can clearly see it.
- Open or prepare the audio clips for counting.
- Copy worksheets for Activities 2 and 3.

Class Flow

Activity 1: Counting Activity with the Painting

Step 1: Observe the Painting

- Invite the students to look closely The Hollerin' Place on the North Spit: ***elk'elch***



Activity 1: Counting Activity with the Painting (continued)

Step 2: Practice Counting from 0-20

- Can we count from zero to twenty?
- Ask if anyone knows how to say any numbers in a different language.
  - I can count from 1 to 20 in English.
  - How do numbers 1-5 sound in another language?
  - I wonder how the people in the picture count in their language.
- Listen to audio files of numbers 1–5 in ***hanis*****.** Practice saying the words together.

English	***hanis***	***Phonetic***
0 (zero)	***indiił***	
1 (one)	***yixai***	
2 (two)	***yuxwe***	
3 (three)	***yipsən***	
4 (four)	***hestłch***	
5 (five)	***kətəmis***	

Step 3: Counting Objects in the Painting

- Use the cultural counting method (thumb → pinky).
- Teacher Prompts:
  - How many canoes are there in the water?
  - How many canoes are there on the beach?
  - How many canoes are there in total?

Step 4: Optional Exploration

- Ask students if they would like to also listen to the audio files for ***miluk,***
- ***sha'yuushtł'a*** and ***quuiich.*** If there is interest, please listen to them.



English	miluk	quuiich	sha'yuushtɬ'a
0 (zero)	***an dich***	***kuminch təq***	***kuminch təq***
1 (one)	***hich'ii***		***niishanax chmanii***
2 (two)	***adzuu***		***alk'alch***
3 (three)	***psanɬ***	***shiinx***	***aɬq***
4 (four)	***dzawa***		***xats'uu***
5 (five)	***ƛench'insii***		***siitɬ***

Activity 2: Additional and Subtraction Worksheet

Step 1: Complete the Worksheet

- Depending on teacher preference, the worksheet can be completed individually, in pairs, or in small groups.
- Walk about in order to support, model number sentences, or connect problems to the objects in the painting.

Step 2: Whole-Group Discussion

- Invite the students to come together as a group.
- Discuss the worksheet and answer any questions.
- Teacher Prompts:
  - What strategies did you use to find your answers?"
  - "What did you notice when we added groups together?"
  - "What changed when we subtracted?"

Activity 3 – Greater Than/Lesser Than Worksheet

Step1: Complete the Worksheet

- Pass out the Greater Than/Lesser Than Worksheets.
- Depending on teacher preference, worksheets can be completed individually, in pairs, or in small groups.



Step 2: Whole Group Discussion

- Invite the students to come together as a group.
- Discuss the worksheet and answer any questions.
- Teacher Prompts:
    - How did you decide which number was greater?
    - What clues helped you figure out which number was lesser?
    - Did/does counting on your fingers help?

