

Husky Number Cards

Developed by: Cathy Walters

Discipline / Subject: Math

Topic: number recognition, 1-1 correspondence, add and subtract one

Grade Level: PK-Kindergarten

Resources / References / Materials Teacher Needs:

1. Four sets of Husky Number Cards 1-16
2. Husky Take Away Song
3. Husky Plus One Song

Lesson Summary:

Students will review number order in placing the 16 Husky Number Cards on the floor. Using one-to-one correspondence, students will "touch" count the cards to 16. The student will correctly identify numbers when asked to give the teacher a specific number. The class will learn that Iditarod drivers start the race with 16 dogs and must have six dogs to finish the race by learning the Husky Take Away Song and in the process learn to subtract or "take away" one.

Standards Addressed: (Local, State, or National)

Alaska state standards:

The student will demonstrate conceptual understanding of whole numbers to 20 by:

[K] N-1 demonstrating 1-1 correspondence (M1.1.1)

[K] N-2 recognizing and counting whole numbers from 0-20 (M1.1.1)

[K] N-3 writing and ordering whole numbers from 0-20 (M1.1.1)

The student demonstrates conceptual understanding of mathematical operations:

[K] N-10 using objects or pictures to model addition and subtraction of whole numbers

Learning Objectives:

The student will:

1. Demonstrate one-to-one correspondence
2. Recognize and count whole numbers 1-16
3. Recognize whole numbers 1-16 presented in random order
4. Count whole numbers backwards from 16
5. Add one to each number 4-15 correctly using Husky Number Cards
6. Subtract one from 16 to 6 correctly using Husky Number Cards

Method of Assessment for Learning:

Students will demonstrate the learning objectives to the teacher individually and in a group setting.

Procedural Activities:

1. Individually, each student puts the 16 Husky Dog Cards in order on the floor.
2. Students demonstrate one-to-one correspondence by "touch" counting the cards for the teacher.
3. To demonstrate number identification, students give the teacher the husky with the number she calls out in random order.

Husky Take Away Song:

1. Teacher introduces the Husky Take Away Song to the entire class and sings it daily until the class can sing it without her.
2. Individually, the teacher will assess students by having them use the Husky Dog Cards as a manipulative as they sing the song.
3. The same procedure is used for the Husky Plus One Song. This song was added after a student told me, "Mrs. Walters, you are not doing unto others. I don't like taking the dogs away. We need to put them back." So you see I had to "add," or put the dogs back on the team, for this sensitive four year old!

Materials Students Need:

1. Husky Dog Cards
2. Songs

Technology Utilized to Enhance Learning:

www.iditarod.com will give you wonderful photographs of the dogs and their drivers, as well as the rules for The Last Great Race on Earth.

Other Information:

Copy huskies onto gray construction paper, write numbers on the huskies, laminate, and then cut into cards.

Modifications for Special Learners/ Enrichment Opportunities

This is a good activity for differentiating. Some students can be working on number identification and one-to-one correspondence, while others may jump right into adding and subtracting one.