

## Unit 8 Session 2.1, 2.2, 2.3

Name: Lindsey Arhart

Date: Monday, April 16

Grade Level: First Grade

Subject: Math

Lesson Title: How Many Hands?

Objective: The students will be able to...

- identify objects that can be grouped by twos
- count and combine things that come in groups of two
- record strategies for counting and combining things that come in groups of two
- explore and understand what a two to one ratio is

Standards:

- 1.O A – Operations and Algebraic Thinking

Time Frame: 45 mins.

- 15 minutes = introduce the lesson
- 20 minutes = do the How Many Hands/Two to One Ratio activity
- 10 minutes = share strategies that were used/closure

Materials

- SMART board Skip Count by 2s - <http://exchange.smarttech.com/search.html?q=counting+by+2s>
- Pearson worksheet on SMART
- workbooks

Procedure/Activity:

- First tell students that I want to practice counting by twos on the SMART board. Play Skip Count by 2s.
- Then ask the students to brainstorm what things come in two. When given enough time ask the students for their answers and write them down.
- Discuss how hands come in two and how could they figure out how many hands are in a group of fifteen children.
- Draw a picture as one of the strategies and explain how to count by twos using that drawing. Ask for any more strategies the children that of.
- Go to the Pearson worksheet on People and Hands, 2.2
- Fill in the rest of the worksheet. Explain that if there is 1 person they will have two hands, two eyes, two ears, and two elbows. Demonstrate with the class.

- Instruct the students to open their activity books to page fourteen and to complete the problem using the strategy they find works best. If they finish early they may go to page 15 through 18 in their book and complete that.
- Ask for volunteers to explain what strategy they used to count up the number of hands. The students can draw this on the chart paper. Ask for someone to show a different strategy they used. Show other ways that weren't explained.

Closure:

- Re-explain the many different strategies that can be used to count by twos.

Assessment:

- While we are having our discussion I will be observing the student nonverbal and verbal behavior to help me determine if they understand the lesson.
- After the students have completed their problem out of the workbook I will check to make sure that they discovered the right answer and they provided a strategy on how they got that answer.

Accommodations:

- I have provided a SMART board game and a math problem that the students can interact with to help the students stay focused and interested in the lesson.
- The Skip Counting on SMART Exchange and the SMART board Pearson worksheet 2.2 will help me teach my lesson on counting by twos. By using the SMART board I will be able to teach to all learning styles. The program will provide the visual learners the ability to see examples of skip counting by two and instructions on how to complete the worksheet. The auditory learners will be able to listen to the numbers that we skip count by two with and my instructions on how to complete the worksheet. The kinesthetic learners will be able to physically interact with the SMART board.
- I will pair the students on their mathematical abilities, students who struggle with math will be paired with a student that will be able to assist them.