

**Lesson Plan: Numeracy ten frame representation**

<b>Subject/Grade: Mathematics Grade 1/2</b> <b>Lesson Title: Using a Ten Frame</b> <b>Teacher: Ms. Flunder</b>	
<b>Stage 1: Identify Desired Results</b>	
<b>Outcome(s)/ Indicator(s):</b>  <b>N1.2</b>  Recognize, at a glance, and name familiar arrangements of 1 to 10 objects, dots, and pictures.  a) Look briefly at a familiar arrangement of objects or dots and identify the number represented without counting. b) Look briefly at a familiar arrangement and identify how many objects there are without counting.  *Students will be given to learn numbers 0-10 and will be able to recognize them in ten frame form.	
<b>Key Understandings: ('I Can' statements)</b>  I can represent numbers using ten frames.  I can identify numbers 0-10 on a ten frame.  I can count from 0-10 on a ten frame.  I can represent how many dots are needed on a ten frame for each number.	<b>Essential Questions:</b>  What number is this?  How many are filled in on the ten frame?  Can you represent the number on the ten frame?  How many dots are not filled in on the ten frame?  What number is represented on the ten frame?

**Prerequisite Learning:**

Students will have one previous lesson surrounding using ten frames to represent numbers. Students have been slowly introduced to ten frames during small group lessons.

**Instructional Strategies:**

Provide opportunities for student practice

Learner-centered methods

The discussion method

Games

Exercises

### Stage 2: Determine Evidence for Assessing Learning

Students will be assessed during group lesson; subitizing strategy will be used. Flash cards of ten frames will be shown and the students will be expected to say the correct number without counting.

### Stage 3: Build Learning Plan

**Set (Engagement):****Length of Time:** 10 mins

To start the lesson a youtube video will be shown. Subitizing video: apple subitizing [https://www.youtube.com/watch?v=jOj\\_AgfMMLc](https://www.youtube.com/watch?v=jOj_AgfMMLc). Only showing the beginning of the video showing the ten frames; pause the video occasionally and ask students how many of the ten frame are filled in and how many are missing?

**Development:****Time:** 7 mins

As a whole group lesson show the students flash cards of ten frames; as a group go over how many are in each ten frames. Ask students again to find out how much of the ten frames is filled in and how many are missing.

**Learning Closure:****time:** 50 mins

Math Centres:

**Materials/Resources:**

Youtube video: subitizing video

Ten frame flash cards

Work Booklets

Math manipulatives

Pencils

**Possible Adaptations:**

Different manipulatives/  
loose parts

Guided Instruction: Students will review ten frame flash cards  
Play & Exploration: Students will play the different math games to review writing numerals, number words, and ways to represent numbers.  
Written work: Students will work on booklets.  
Ipad: Students will go on IXL  
\*Students are already split into premade groupings

Smaller groups

**Differentiation:**

Fidget spinners

No time limit for smartboard activities

Movement breaks

**Management**

Strategies:

Eyes on me

Rules of the classroom

Quiet bodies

Calling students up who are losing focus

Keeping each activity to a minimum

**Safety Considerations:**

Use hand sanitizer to limit contact between students and smartboard

**Stage 4: Reflection**

