

Lesson Plan: Numeracy bead representation

Subject/Grade: Mathematics Grade 1/2 Lesson Title: Using pictures Teacher: Ms. Flunder	
Stage 1: Identify Desired Results	
Outcome(s)/ Indicator(s): N1.2 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 numeral form	
Key Understandings: ('I Can' statements) I can represent numbers using beads. I can identify numbers 0-10. I can count from 0-10. I can understand numerals represent how many.	Essential Questions: What number is this? What are the numbers from 0-10? Can you represent the number using beads? Does this make 5...? Can we have our magic fingers in the air and write our numbers?
Prerequisite Learning: Students will have prior knowledge of writing numerals, and number words. Through centers they have been introduced to representing with beads.	

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 on their group work; the students have a workbook that will be completed over the course of the unit with a final long test at the end. Students will work on completing booklets. Students will be assessed during teacher group lessons.

Stage 3: Build Learning Plan

Set (Engagement):
mins

Length of Time: 25

As a whole group lesson we will go through a smartboard lesson; today's lesson will be on representing numbers with pictures. Each page will have some numbers on it and students will have to draw the beads to represent the number shown.

Development:

Time: 10 mins

Students will each be given a die, a whiteboard and a whiteboard marker. They will roll the die and then write that number on the board. Students can also partner up to have higher numbers.

Learning Closure:

time: 45 mins

Lit Centres:

Guided Instruction: Students will review representing numbers with pictures

Play & Exploration: Students will play the different math games to review numbers 0-10

Written work: Students will work on booklets.

Ipad: Students will go on IXL

Materials/Resources:

Smartboard activities

Pencils

Work Booklets

ipad

Dice

Whiteboards

Whiteboard markers

Looseparts

Math manipulatives

Possible Adaptations:

*Students are already split into premade groupings

Different manipulatives/
loose parts
Less groups for more
support

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

Safety Considerations:

Use hand sanitizer to
limit contact between
students and
smartboard

Stage 4: Reflection

