|  |
| --- |
| Subject/Grade: Grade 2, Math: Measurement Lesson Title: Measuring Distance Around an objectDate: Monday, March 22th, 2021 Teacher: Ms. Haley Miller  |
| Stage 1: Identify Desired Results |
| **Outcome(s)/Indicator(s):**[**SS2.1:**](https://www.edonline.sk.ca/webapps/moe-curriculum-BB5f208b6da4613/CurriculumOutcomeContent?id=146)Demonstrate understanding of non-standard units for linear measurement by: describing the choice and appropriate use on non-standard units, estimating, measuring, comparing and analyzing measurements |
| **Key Understandings: (‘I Can’ statements)**I can measure a round object I can measure distance around using yarn or linksI can measure distance around with yarn and then a unit | **Essential Questions:**How do I measure something that is round?Does the orientation of an object affect the distance around? |
| Prerequisite Learning:* Students will know how to measure using non-standard units
* Students will know how to measure using 1 copy of a unit
* Students will know how to record their data
 |
| Instructional Strategies:* Direct Instruction
* Interactive Instruction
* Independent Study
* Experiential Instruction
 |
| Stage 2: Determine Evidence for Assessing Learning |
| * Observing
* Questioning
* Assignment (Distance Around Worksheet)
 |
| Stage 3: Build Learning Plan |
| **Set (Engagement): Measuring Objects that are round** **Length of Time: 10 mins*** Introduce the idea of measuring a round object
* How would we do it?
* Show the class how to measure a round object. Use these objects for example:
* Water Bottle
* Can of Soup
* Basketball
* Rock

Demonstrate how to measure a round object using yarn, marker and scissors * Measure with yarn
* Make a mark with a marker on yarn
* Cut marker line with scissors
* Use that new yarn piece to measure with cubes or some sort of a unit

**Development: “Distance Around” Worksheet Time: 20 mins*** Have the students work independently on their work sheet
* Once done, have the students get ready to go outside
* Clean-up work area, put away any yarn not being used anymore
* Teacher collects work sheets

**Closure: Outdoor Exploring with distance around Time: 15 mins*** Have a new piece of yarn for the students to explore measuring things outside

(students can use rocks as a unit to measure the yarn too!)* Rocks
* Play Structure
* Trees

Once recess bell rings, teacher will collect yarn in a garbage bag | **Materials/Resources:*** Yarn
* Marker & Scissors
* Links
* Pencil & Eraser
* Garbage Bag (for outside)

**Possible Adaptations/****Differentiation:*** Students can just measure using yarn if it is too difficult to use cubes too
* Use pictures for students to use if they cannot read

**Management Strategies:*** Set timer
* Outside rules and expectations announced before going outside

**Safety Considerations:*** Going outside (stay in area together)
* Covid regulations
 |
| **Stage 4: Reflection** |
|  |