

HBCSD TECHNOLOGY LESSON PLAN

1st GRADE (Lesson 2)

Grade Level - 1

Lesson Title - Math Manipulation

Standards

CCSS.Math.Content.1.MD.A.1 Order three objects by length; compare the lengths of two objects indirectly by using a third object.

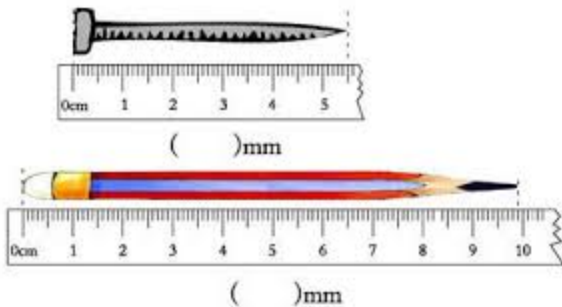
CCSS.Math.Content.1.MD.A.2 Express the length of an object as a whole number of length units, by laying multiple copies of a shorter object (the length unit) end to end; understand that the length measurement of an object is the number of same-size length units that span it with no gaps or overlaps. *Limit to contexts where the object being measured is spanned by a whole number of length units with no gaps or overlaps.*

Technology Competencies

- Turn computer on and off correctly
- Use output devices (monitor)
- Use input devices (mouse, keyboard)
- Adjust volume control on devices
- Use scroll/highlight functions
- Use drag/drop function
- Navigate interactive software using buttons or hot spots
- Use developmentally appropriate multimedia resources (such as MIND, www.internet4classrooms.com)

Purpose

Use an interactive website (such as www.internet4classrooms.com) to help students navigate, scroll, drag, and drop with their mouse while learning about measurement skills.



Resources

Math Text

http://www.internet4classrooms.com/skill_builders/measurement_math_first_1st_grade.htm

www.stmath.com

<http://www.turtlediary.com/grade-1-games/math-games/length-measurement.html>

Supplies

- Computer with sound, a mouse, and Internet access.

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Direct Instruction

1. Teacher will introduce the icons on the computer & show students how to access the Internet using the SMARTboard.
2. Teacher will show students which icon to open (such as MIND) or the Internet browser.o
 - If using the Internet, teacher will show students how to type a website (such as <http://www.turtlediary.com/grade-1-games/math-games/length-measurement.html>) into the browser.
3. Teacher will show the students how manipulate the website and adjust the volume.

Guided Practice

1. Students will turn on their computers place the mouse over the icon being used.
2. Students will double-click on the icon and teacher will show students how to navigate on the website (such as MIND or www.turtlediary.com).
3. Students will put on their headphones and adjust volume with teacher help.

Differentiated Instruction

EL- Teacher will aid students in navigating to the skill he/she needs to practice (in measurement standard).
GATE- Students will access the measurement portion of the website or computer program. Then students will navigate themselves to another math measurement objective.

Assessment

Students will access a website or computer program to identify measurement skills. In addition students will match pictures with to different forms of measurement and put their size into order by using his/her computer skills with the mouse and keyboard.