

Technology Integration Lesson Plan

CONTENT AREA: Math

TOPIC: Measurement-Going on an Inch Hunt

GRADE LEVEL: 2

TIME TO COMPLETE: 30 minutes-45 minutes in class, 45 minutes – 1 hour in lab

TECHNOLOGY FOCUS/

APPLICATION TEKS: 1 B; 2 A, B D, E; 7 A, B; 8 A; 10 A,B; 11 A

CONTENT AREA TEKS: Math-2.9 B

CONTENT OBJECTIVE(S):

1. Students measure various objects in inches.
2. Students use digital camera.
3. Students create a Power Point slide.

RESOURCES/MATERIALS:

1. Rulers
2. Digital Camera
3. Computers with PowerPoint

LESSON PROCEDURE:

(Can be correlated with the book: We're Gong on a Bear Hunt by: Michael Rosen.)

In classroom:

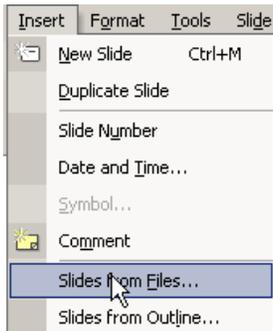
1. After discussing measurement: In groups of 2, students explore areas of the school that can be measured in inches (using rulers).
2. Students or Teacher can take a digital picture of the groups measuring their object.
3. Students need to write down what they measured and how long it was.

In lab:

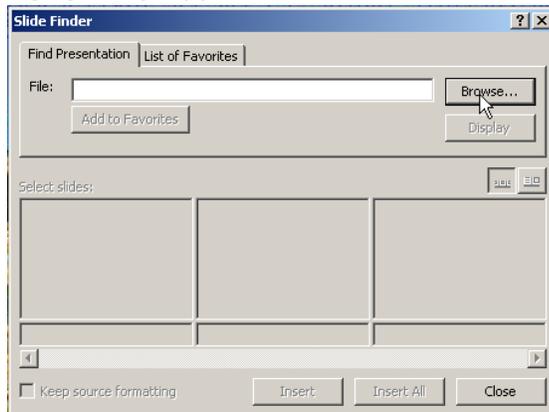
1. Students stay with their groups to create a slide in PowerPoint (Good idea to have a Pilot and Co-Pilot and switch periodically who is in charge of the mouse and keyboard).
2. Students can use the title slide or blank slide layout and create text boxes.
3. On their Power Point slide: The title is the names of who were in their group.
4. The subtitle is a sentence about what they measured (ex: We measured the door frame and it was exactly 2 inches long.)
5. Students insert the picture of their group measuring.
6. Final for students: format background, font, etc.
7. Teacher can insert all the student slides to create one class PowerPoint.

Instructions: Inserting PowerPoint Slides to Create a Class Presentation

Open either a new PowerPoint or open the file of the first slide
Click Insert and Choose Insert Slides from Files

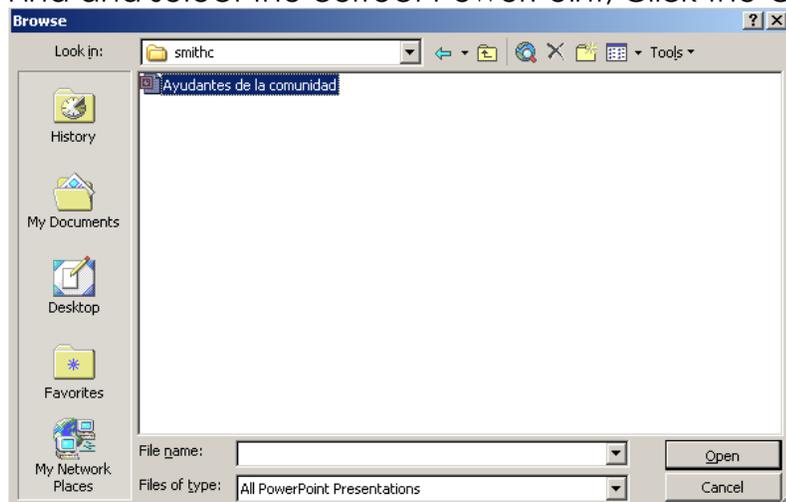


*Click Browse



Choose the drive or folder where the students have saved their work. (ex: If the students saved their work into their student folder on the server, you will need to go into the students section on the server)

Open the correct student folder
Find and select the correct PowerPoint, Click the Open button



**Click the box that says "Keep source formatting" if you want to keep the formatting the student saved on their presentation (ex: backgrounds, animations, transitions, etc)



If you don't want all the slides, choose the ones you want and click Insert
If you want all the slides, click Insert All

If you want to insert slides from another student, click Browse and find their file and repeat the steps

TYPE(S) OF ASSESSMENT: Final PowerPoint slide and measurement accuracy.

CREATED BY: Thank you to M. Nash, Lewisville ISD teacher technologist, for generously sharing this resource.