

Rexton Elementary School

Grade 3 - Materials and Structures - Enrichment

Friday, November 27th

Lesson 1 - Building Structures

PURPOSE: (25 min)

To have students build an initial structure and to revisit this structure to suggest improvements

Group 1 - A structure that is Strong

Group 2 - A structure that is tall

Group 3 - A structure that crosses an open space

After the structure is complete, have each student fill in the “My First Structure” sheet. Groups of students may help each other with the task.

- *We will be building other structures after doing some investigations so they should make very good notes of anything they had trouble with or would try if they had a chance to try it again.*

SMALL GROUP → REFLECTION (10 min)

Regroup to have one member of each group meet with other groups (2 groups of 3 students) to discuss what they built and to note how their structures are similar and different. Record observations in a T-Chart

CLASS DISCUSSION → REFLECTION (10 min)

Have students share their observations with the class

Ask:

Did all the structures look the same?

How are they similar?

How are they different?

Why do you think that happened?

Extend the conversation to real life

Where do we find a structure...in real life

JOURNAL → REFLECTION (15 min)

Now that you have attempted to build a structure, and talked to others who have built a structure, what building tips could you give to students in another class who are about to construct their first structure.

My First Structure

Task: Build a structure that is _____

<p>Materials Used:</p>	<p>My Group:</p>
<p>Problems encountered:</p>	<p>Ideas for next time:</p>
<p>Diagram(s) of structure</p>	

SMALL GROUP DISCUSSION

Similarities	Differences

JOURNAL

Now that you have attempted to build a structure, and talked to others who have built a structure, what building tips could you give to students in another class who are about to construct their first structure.