

5th Grade Science Family Collaborative
February 3, 2011

The fifth grade students will be working in groups within their homeroom classes as they test their bridge design today. They are scoring the cost, stability, and strength to assess whether or not their bridges were successful. Next week in class, they will use the information that they gathered during their testing so far to inform their next design.

8:00-8:15

Students need to gather their supplies from the science room and set up in the gym. Please remember that you will need:

Students discuss the need for a working pencil, their science notebooks with all of the information and investigation sheets, and also their bridge building supplies

8:15-8:20

A few announcements are made to begin the morning.

8:20-8:45

Students and parents work together to conduct the planned experiments and record the results.

1. First, please explain what we have worked on in class in order to prepare for today. Remember to include the following:

Students are encouraged to share the Discovery Bridge video information, what they learned from Javier Builds a Bridge, the three types of bridges, the information from their first bridge design, and then their plans for their second design to test at the collaborative.

2. Next, you should review the questions that will need to be

- answered after the experiment with your parents.
3. Now you are ready to complete your experiment and record your data with your parents help.
 4. Take some time to talk about what is going on during your experiment and why you think this is happening.
 5. Please complete the summary questions in your notebook (all the pages that we marked in class).
 6. Arrange your work area so that other may stop by during the Gallery Walk to see your results.

8:45-9:10

Gallery Walk

Students and parents have this time to informally walk around and view the experiments that were conducted today. Students are encouraged to share information with their peers and parents and asked to participate in the conversations.

Please record five facts that you learned during your gallery walk.

9:10-9:15

Final Comments to Wrap Up the Morning

9:15-9:30

Clean Up

Students need to gather up all of their supplies from the gym and return them to the appropriate places in the science room.