

## Field trip

Science &  
Technology  
Museum



WHICH PAPER COLUMN  
CAN HOLD UP THE MOST  
BOOKS?



DOING SOME  
EXPERIMENTS IN  
PHYSIC LABORATORY



WORKING WITH  
SIMPLE MACHINES IN  
LABORATORY

# HOW THE WORLD WORKS

The properties of construction materials influence the design, strength, and stability of buildings and structures.



We began this unit by making a stable structure using our stuff as a group work. We read science books, watched movies, and did some experiments in the laboratory to investigate about force, magnetic field, simple machines (lever, pulley, inclined plane, wedge, screw, and wheel). We also listened to seven graders who shared their

knowledge about structures. We examined their bridges enthusiastically to learn more.

We used diagrams and concept maps to sort out what we have learned about force, work, gravity, magnetism, friction, properties of materials, and structures. In making connection we used question me an answer to make conclusions. Finally, in taking action we tried our best to design and build a strong and stable structure.

## Mathematics

In this unit we explored multiplying tens and multiplication patterns. We learned how to multiply 2-digit and 3-digit numbers using partial product and regrouping strategies. In addition, we tried to do divisions with remainders using objects and counters.

Furthermore, we focused on shapes, solid shapes, lines, line segments, and lines of symmetry. We also used grid paper to find area, perimeter, and a point on the coordinate grid.

## Language Arts

By reading texts such as “Three Pigs and wolf”, “Grandma’s Quilt”, and “Water Safety” we practiced the reading comprehension skills. We wrote some paragraphs applying brainstorming strategy. We also learned more about verbs (helping, linking, and action) and proofreading of the texts.

