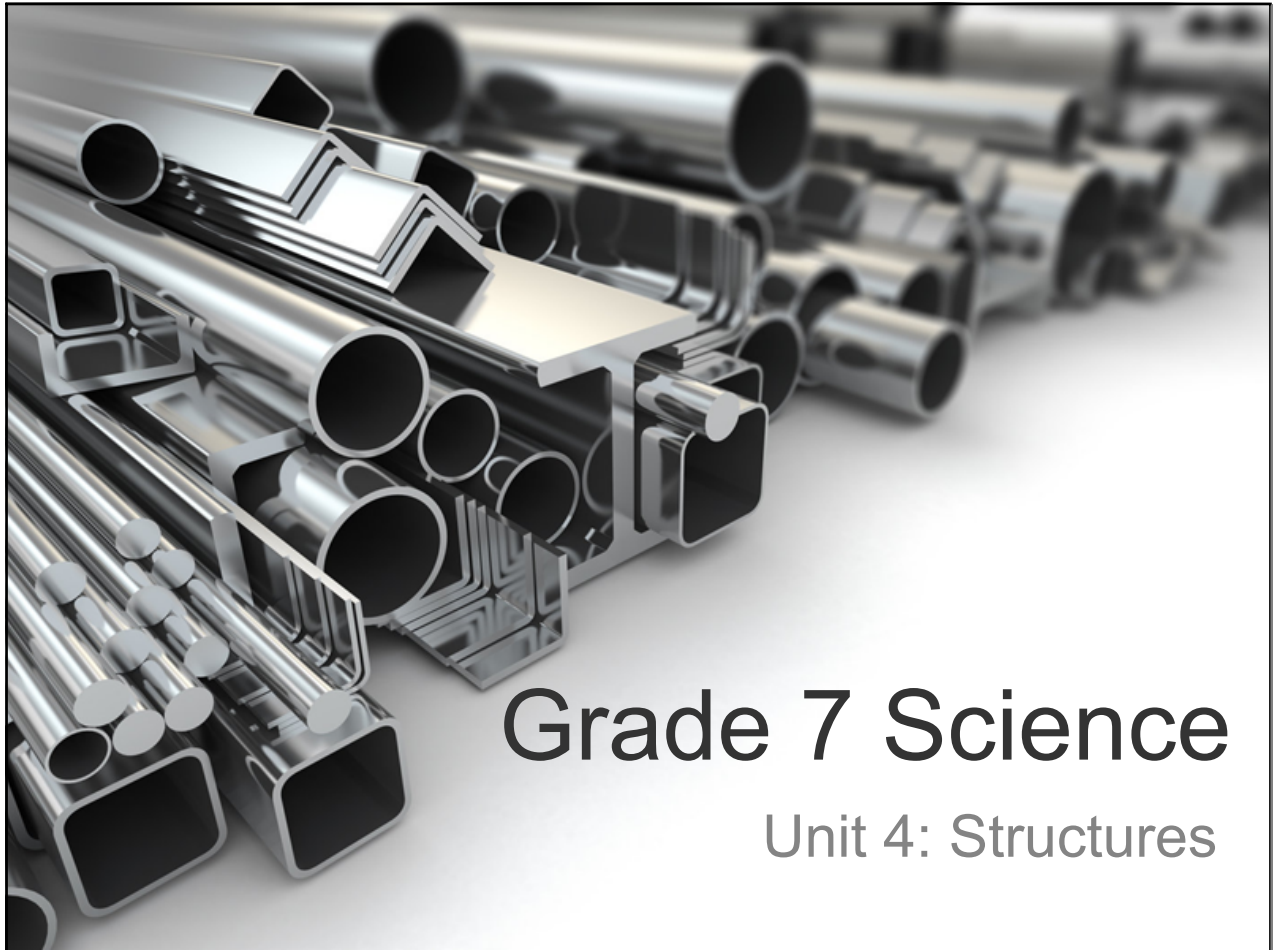




Grade 7 Science

Unit 4: Structures



Examining Forces

Next class you will begin a series of four experiments that will lead to an assignment. Please be sure you pay attention today in order to ensure that you understand what you are doing for the next four periods. I will not be explaining this information next period, you will simply perform the experiment.

For this set of experiments there will be 4 stations. You will be put in a group, and each group will rotate through the 4 stations. At each station you will find a sheet explaining your task at that particular station.

We will now look at each of the four experiments. Please pay special attention to the safety precautions being discussed.

			
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Examining Forces

I have made the groups for this series of experiments, there will be no swapping.

It is everyone's responsibility to do their share of the work. Be sure that each member of the group has the opportunity to contribute both to conversation, and to the physical setting up of the systems.

Put groups here



Examining Forces

We will start your first activity next class, doing one station per class.

Remember to document all of your observations.

For the remainder of today's period you are to examine the instruction sheets, and then set to work on organizing your binder.

Remember, you are allowed to bring technology to help in documenting your experiments - taking pictures and even recording notes.

I will not be reviewing the criteria for this task again, it will be up to you to remember to document your findings.

I will hand out the assignment on the final day of experimentation.

For station one I will be looking to borrow a bike, one with changeable gears, from one of you. I would ask that the bike be brought in before the experiments start, and stay here for the duration of the experiments. Please keep in mind that 100 students will be playing with it.

4-13 Examining Forces - All Activities.pdf