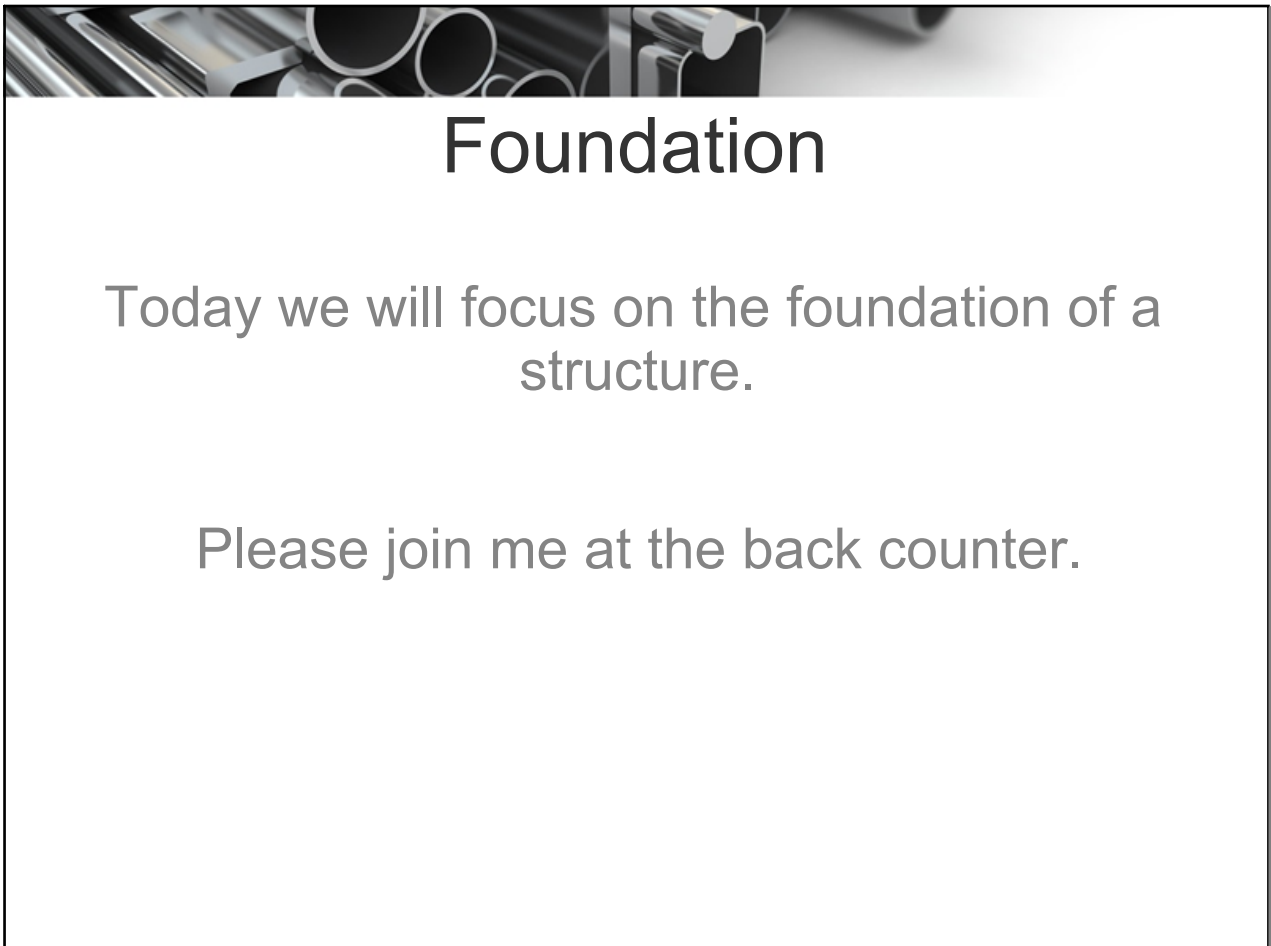


Grade 7 Science

Unit 4: Structures



Foundation

Today we will focus on the foundation of a structure.

Please join me at the back counter.

Foundation

Summary

The more surface area the base of a structure has, the more stable it is on it's foundation, and the less likely it is to "sink."

The more solid the ground is under the foundation, the more stable the structure is.

Moisture will affect the ground under the foundation. Not enough moisture will cause the soil to separate and shift. Too much moisture will allow the soil to shift as well.



Buildings in the Niigata Prefecture in Japan - An earthquake caused the buildings to fall over because of moisture in the soil.