

Tension vs Compression & Play-Doh!

Directions

- 1) Open Play-doh Container.
- 2) Divide Play-doh evenly among your group members.
(5 people per container)
- 3) Roll your portion of Play-doh into a cylinder like the one pictured below.



- 4) Once your play-doh cylinder is rolled, cut 3 short lines across the surface of the cylinder.



- 5) Bend the Play-Doh into a "U"

- 1) Draw a Diagram of your play-doh model and label the parts of the model that were under tension, and/or compression.



- 2) What were some characteristics of the parts of the play-doh that were under compression?

- 3) What were some characteristics of the parts of the play-doh that were under tension?

- 4) Lets think about some structures, what are some structures that require tension, compression, or both?
