

BRIDGES

You have been hired to construct a bridge for a new community that is being developed on Tech Island. The bridge is going to be a very important part of the community, because it is going to link this small town to the mainland. The bridge needs to be well built and pleasing to the eye. You will be required to prepare a power point answering the following questions, as well as draw a picture of your bridge.

The power point should include the following:

1. A slide with your company name and the name of your bridge
2. Two slides about the History of bridges
3. Two slides about bridge construction
4. Eight slides from the Bridges Research Question

The power point should have a picture on 8 of the 13 slides. Use the web link below to do your research.

<http://www.pbs.org/wgbh/nova/bridge/resources.html>

Links to a tremendous amount of on-line information compiled by NOVA.

<http://www.factmonster.com/ce6/sci/A0808901.html>: building information

<http://www.matsuo-bridge.co.jp/english/bridges/index.shtm>

bridge types

http://www.lincoln.smmusd.org/science/7th%20Grade/bridges/truss_beam/truss_beam.htm

examples of truss' and beam bridges

<http://www.matsuo-bridge.co.jp/english/bridges/basics/rigidframe.shtm>

examples of beam bridges.

<http://www.howstuffworks.com/bridge.htm>: everything you want to know about bridges

www.nireland.com/bridgeman/Famous%20Bridges.htm - Information on famous bridges as well as general information, pictures of bridges, bridge materials.

http://oswego.org/staff/abarry/web/famous_bridges_websites.htm
Famous bridges

<http://www.famousbridge.com/> **more famous bridges**

Assignment Two:

- 1. Go to the PBS website.**
- 2. Survey each type of bridge**
- 3. Play the game “ Building Bridges”**

<http://www.pbs.org/wgbh/nova/bridge/build.html>
Building bridges