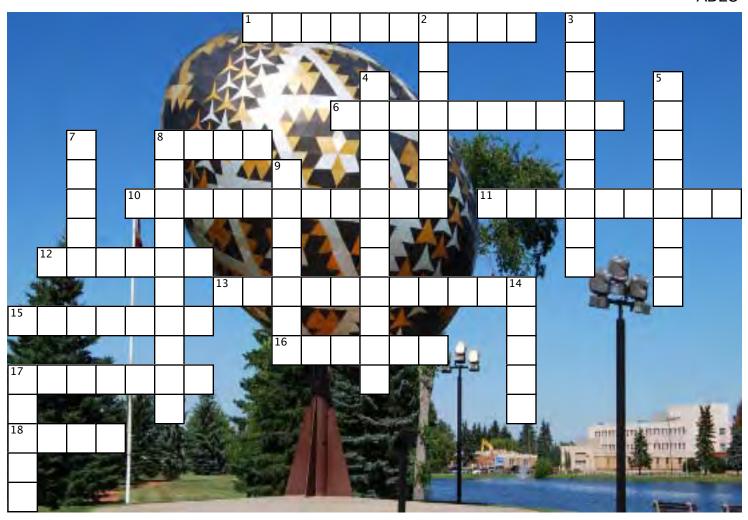
## **Unit D - Structures and Forces Review**

Science 7 ADLC



## **Across**

- A structure that looks pleasing to the eye is said to have good
- 6. A property of a material that describes its ability to be molded into different shapes.
- 8. What is the most common type of bridge?
- 10. A force that acts to push or squeeze an object.
- 11. A structure that is made of many layers joined together.
- 12. The weight of the materials in a building is an example of load.
- 13. A property of a material that describes how easily it breaks.
- 15. Cars driving across a bridge is an example of \_\_\_\_\_ load.
- 16. The unit used to measure force.
- 17. When a structure can no longer stand up to the forces acting on it, structural \_\_\_\_\_ occurs.
- 18. What is a strong curved shape used in bridges that transfers force down each side to the ground?

## **Down**

- 2. A force that twists an object.
- 3. A property of a material that describes its ability to be stretched into thin wires.
- 4. The ability of a material to be bent under force without breaking.
- 5. A force that occurs when two surfaces are touching each other.
- 7. A knee is an example of a flexible \_\_\_\_\_.
- 8. Structures designed to be like structures in nature show
- 9. A force that acts to stretch or pull something apart.
- 14. An igloo is an example of a \_\_\_\_\_ structure.
- 17. A roller coaster is an example of a \_\_\_\_\_ structure.