

Unit D - Structures and Forces Review

Science 7
ADLC



Across

1. 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.