



## Pulleys and Gears Vocabulary List

**Block and Tackle:** A pulley system that uses more than one pulley.

**Crane:** A machine used to hoist heavy objects.

**Effort:** The use of physical energy to do something.

**Elevator:** A platform or small room that can be raised or lowered in a vertical shaft to carry people or goods from one level to another.

**Friction:** The resistance to motion created when an object is rubbed against another.

**Fulcrum:** The point on which a lever turns.

**Gear:** A wheel with teeth that fit into the teeth of another wheel.

**Invention:** An original device, system or process.

**Lever:** A simple machine for lifting a weight. It usually consists of a strong, rigid bar that rests on a fixed point on which it turns.

**Load:** Something that is carried, lifted or supported.

**Machine:** A combination of mechanical parts that operate together to perform a task.

**Newton:** The force needed to accelerate a mass of 1 kilogram by 1 meter per second every second.

**Pulley:** A freely turning wheel that has a groove around its edge through which a rope, chain or belt moves.

**Windmill:** A machine that uses the power of the wind hitting a set of vanes to turn a wheel.

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For more information, feel free to contact:  
[Vic D'Amico](#), [Rheal Dumont](#) or [Chris Chapman](#)  
[NECTAR Foundation](#)  
10 Bowhill Avenue  
Nepean, Ontario, K2E 6S7  
Phone: 613-224-3031 fax 613 - 224 -1946  
email: [nectar@occdsb.on.ca](mailto:nectar@occdsb.on.ca)  
web page: <http://www.nectar.on.ca>

