

Wheels & Levers Study Guide

Grade 4 Science

Wheels and Levers Study Guide

The following "I can" statements are provided to guide students' review of the material covered in class.

1. I can explain how rollers can be used and demonstrate this in a practical way.
2. I can compare the wheel and roller and identify examples where each are used.
3. I can construct devices that use wheels and axles and demonstrate their use in model vehicles, pulley systems, and gear systems.
4. I can construct and explain the operation of a drive system that uses wheel-to-wheel contact, a belt or elastic, a chain, and cogs or gears.
5. I can construct and explain the operation of a drive system that transfers motion from one shaft to a second shaft.
6. I can demonstrate ways to use a lever that applies a small force to create a large force, or applies a small movement to create a large movement.
7. I can predict how changes in the size of a lever or the position of the fulcrum will affect the forces and movements involved.
8. I can construct models of levers; and explain how levers are involved.

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Grade 4 Wheels And Levers Study Guide

Marco Cascella



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