

## Design Challenge Card: Lesson 5

### Design Challenge

You are part of a famous engineering design team. Your team has been hired by "Out-of-This-World Vehicles," a company that specializes in designing space exploration vehicles. Your team must design and build a lunar vehicle that will move slowly on wheels across the lunar surface while being pulled by a rope. The design requirements are the following:

- Start with the standard vehicle. Add building pieces to make your design unique. Be creative.
- Your vehicle must be able to carry large lunar rocks (represented by blocks).
- Your vehicle must move across your work space in 4 to 6 seconds while being pulled by a rope.
- Deadline: You will have 30 minutes to complete the design challenge.

Good luck!

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