

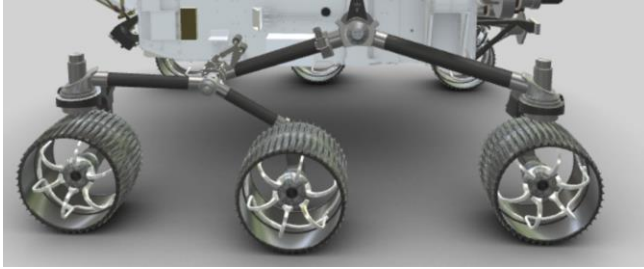
Mars Rover assignment, Project Make

Due: 4th period, Monday 1/25/21 midnight
3rd & 7th, Tuesday 1/26/21 midnight

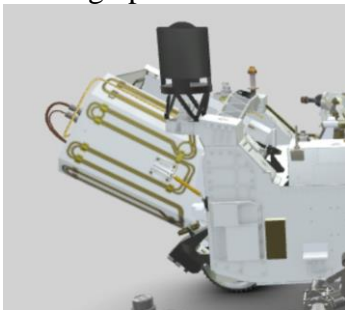
OK, so in less than 30 days NASA is landing another rover onto Mars; it lands on February 18! Here is a link all about the mission: <https://mars.nasa.gov/mars2020/>

Today you will be making a 3D model of the rover in Tinkercad. Your model needs to have the following components:

- Six wheels, with the wheels on arms like the actual rover, not just jammed onto a rectangular box. Here is a side view of what the wheels and their connectors look like:



- Your rover needs to have the mast with a camera device on the top of it. The actual camera looks something like this to the right.
- Your rover needs to have a slanted up part in the back and the cylinder thing sticking up in the back as shown here:



- Finally, your rover needs to have your name embedded into it on the front (first or last name, your choice).

The actual rover is very complex. I do not expect you to make a model that has all of these thousands of little parts and things. I am asking you to make a simplified version of it in Tinkercad. You can, however, work to make your model cool and interesting looking. Of course you can add more parts if you want to. Just make sure you do the parts I'm asking for above.

Doing what I ask above at a minimal level will give you 8/10. If you want 10/10, add some level of coolness. Make your model more interesting. Take one or more parts to the next level. If you do this, leave me a comment on the assignment saying what cool/extra thing(s) you did that should give you the extra 2 points.

This [link on the NASA web site](#) allows you to pan and zoom on a 3D model of the rover. Once on that site click on the Spacecraft tab to see the 3D model.

Turn in a share link to your project when you are done.