

Human Powered Vehicles
Bicycle info and research! DAY 2

Name: _____ Block: _____ Date: _____

The majority of you will be taking apart a bicycle for parts to use for your human powered vehicle. Knowing some of the major parts will be useful when researching how to adapt them to your project. You don't need to have everything memorized but you should still understand how they work. If you plan on using and welding parts of the bike frame it should be steel and not aluminum. We don't have machines for welding aluminum set up this year.

Vocabulary: Describe what the part/object does

Axle:

Bearing

Bottom Bracket

Cable Guide

Cartridge Bearing

Cassette

Deraillieur

Freehub

Headset

Inner tube

Locknut

Master Link

Spindle

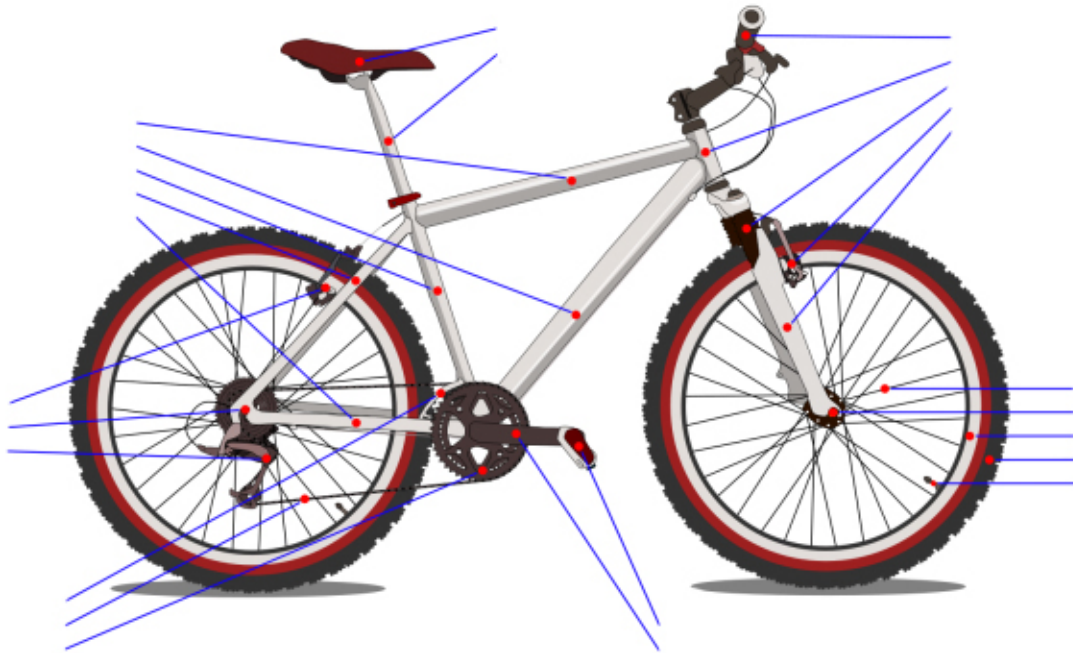
Sprocket/cog

Valve Stem

Label the parts on the image below:

Chain stay
Cogset/cassette
Front derailleur
Chain rings
Pedal

Crank arm
Head tube
Hub
Valve



Begin sketching some thumbnail ideas for what your human powered vehicle might look like

