

Engineering Energy Transformations

Problem 1: An Energetic Ride

Figure 7.1. Roller Coaster



Figure 7.2. Marble Launcher



Figure 7.3. Skateboarder



Figure7.4. Zip Lining



Problem 2: Rube Goldberg Machine

Figure 7.7. Rube Goldberg Machine



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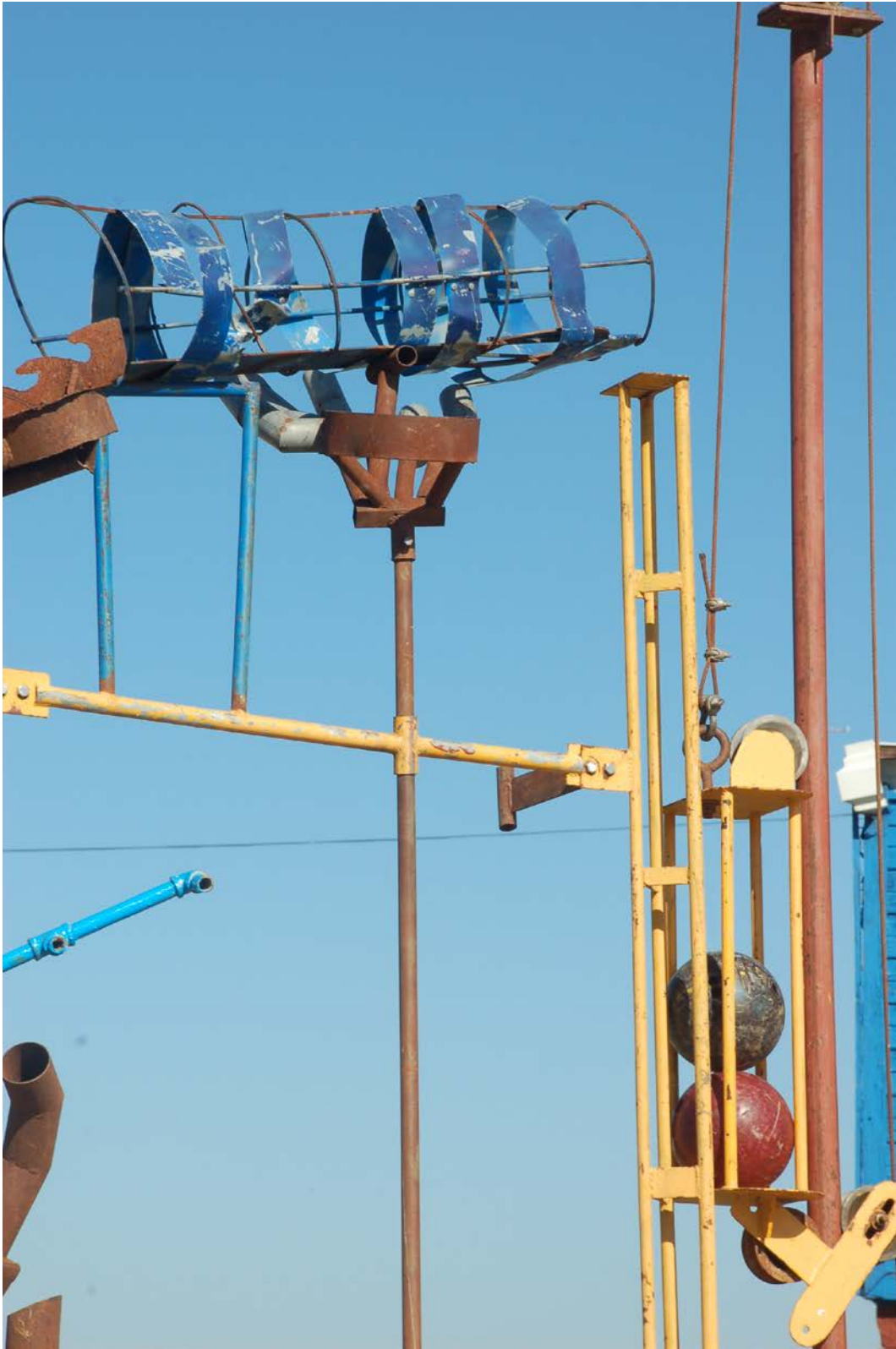
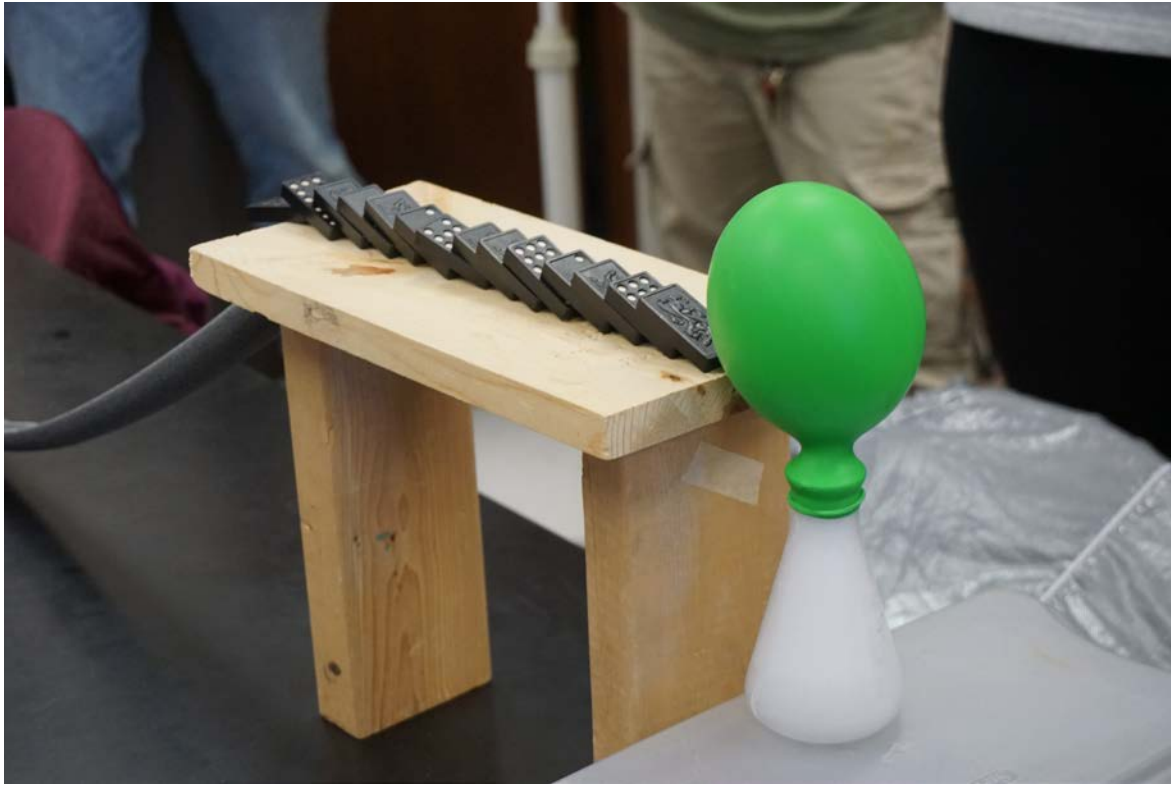
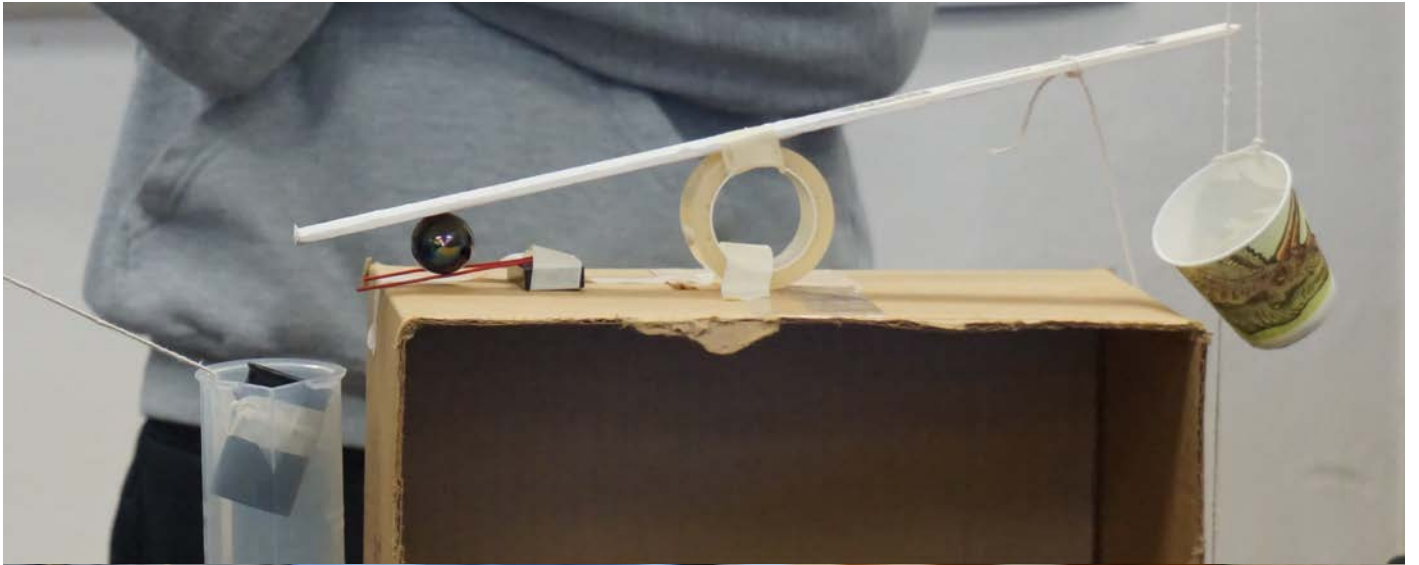
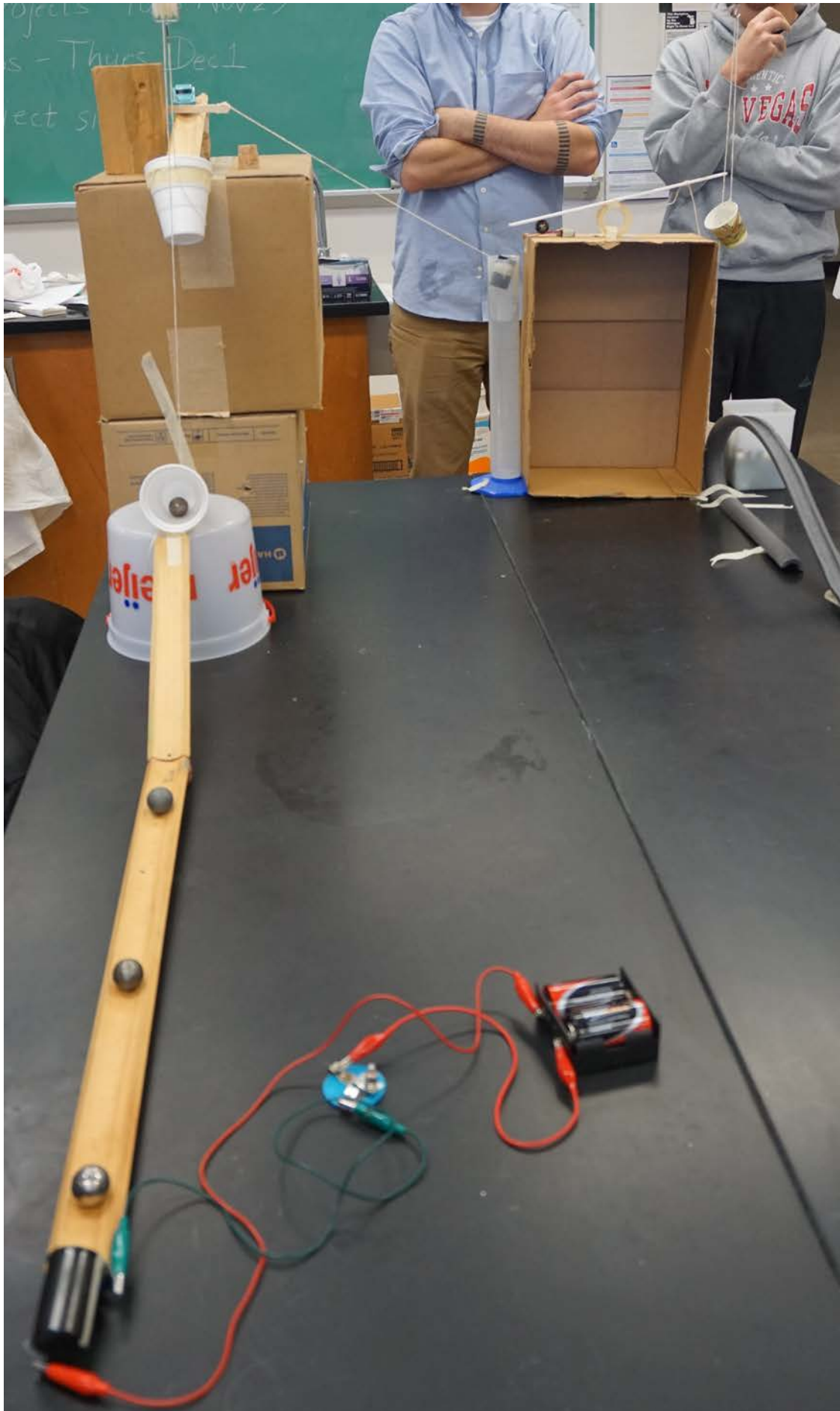
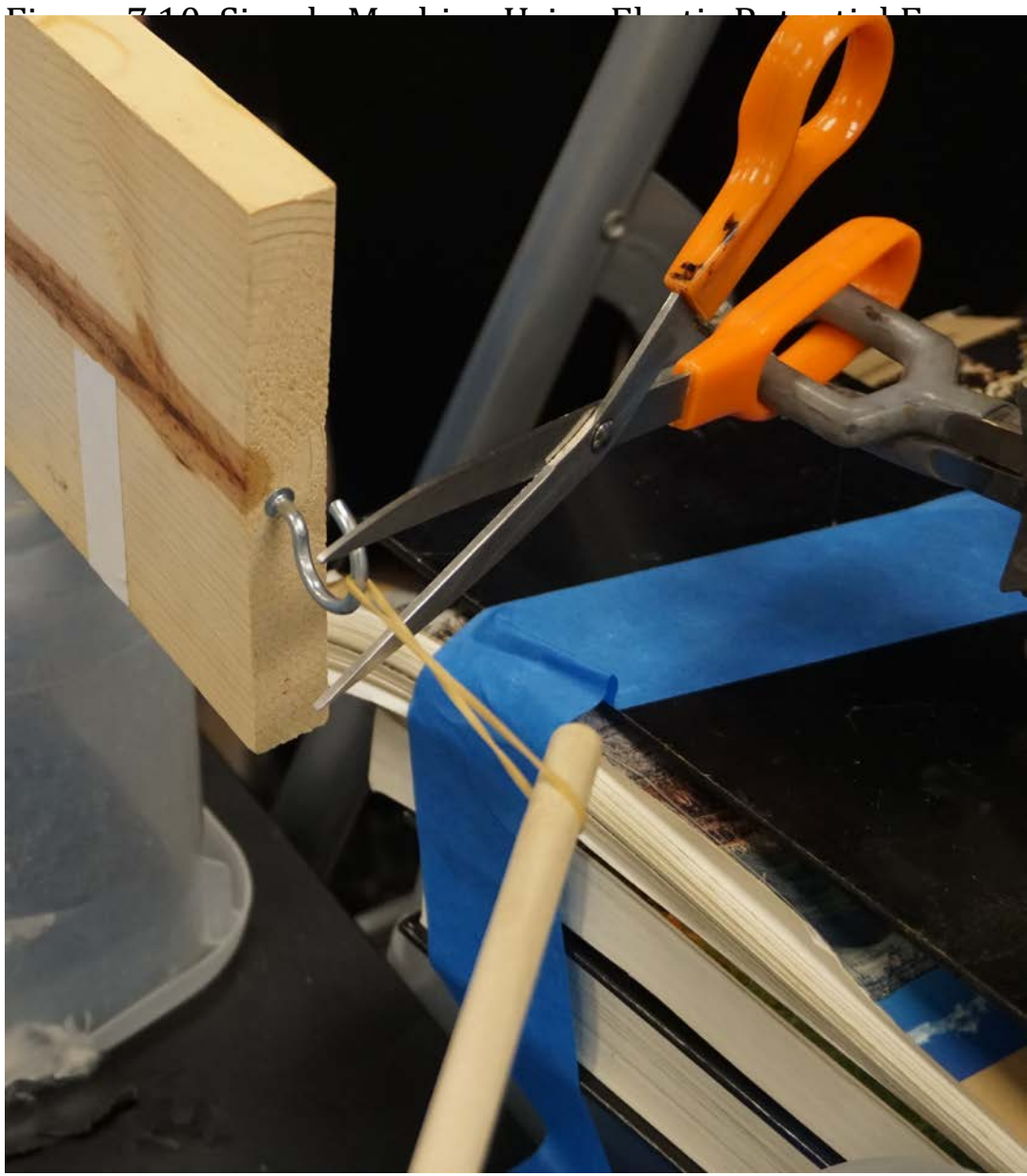


Figure 7.9. Student-Made Rube Goldberg Machine









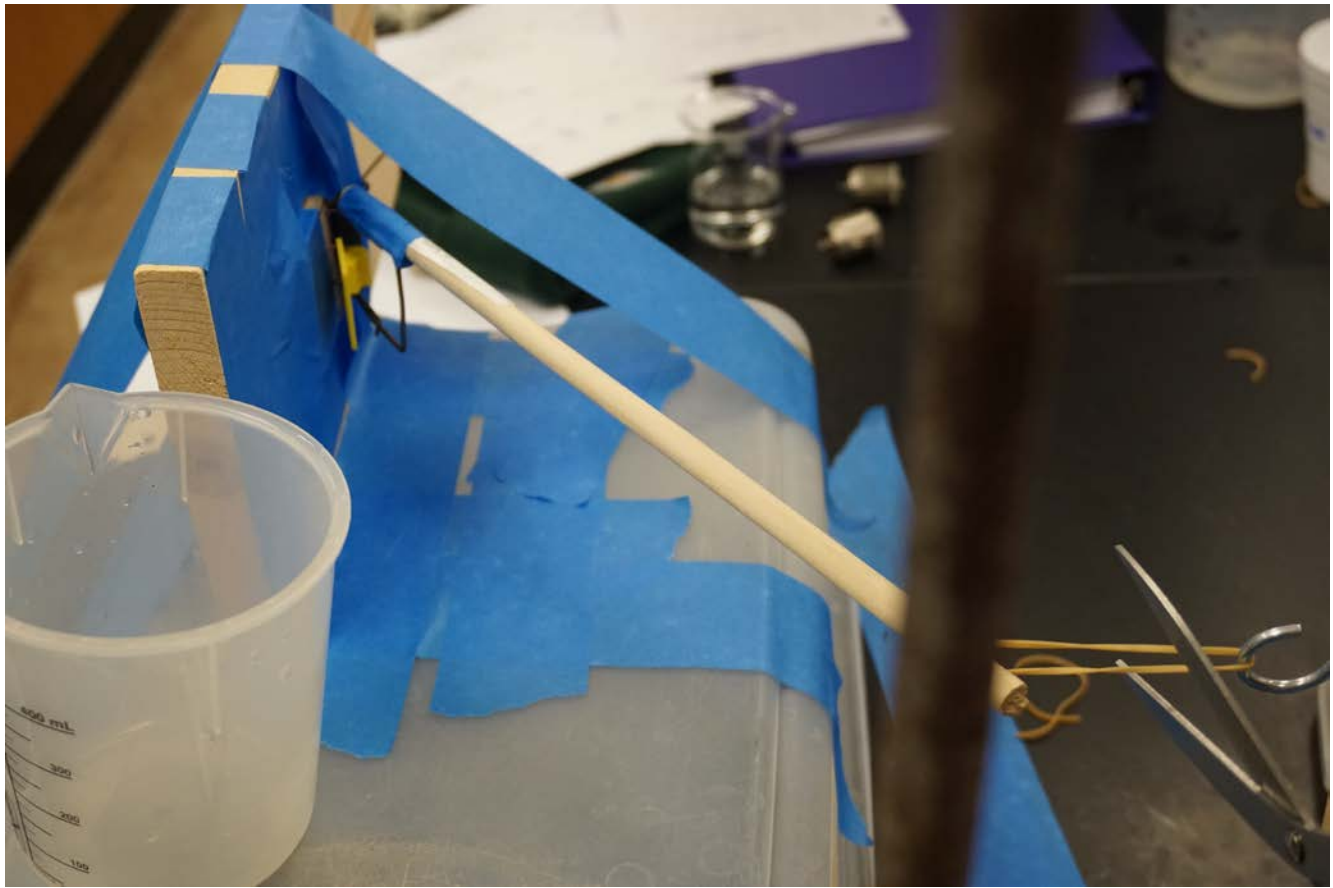


Figure 7.11. Bicyclist



Figure 7.12. Rube Goldberg Example



Problem 3: Keep It Warm, Keep It Chill

Figure 7.13. Travel Mugs



Figure 7.14. Experiment With Temperature Probe

