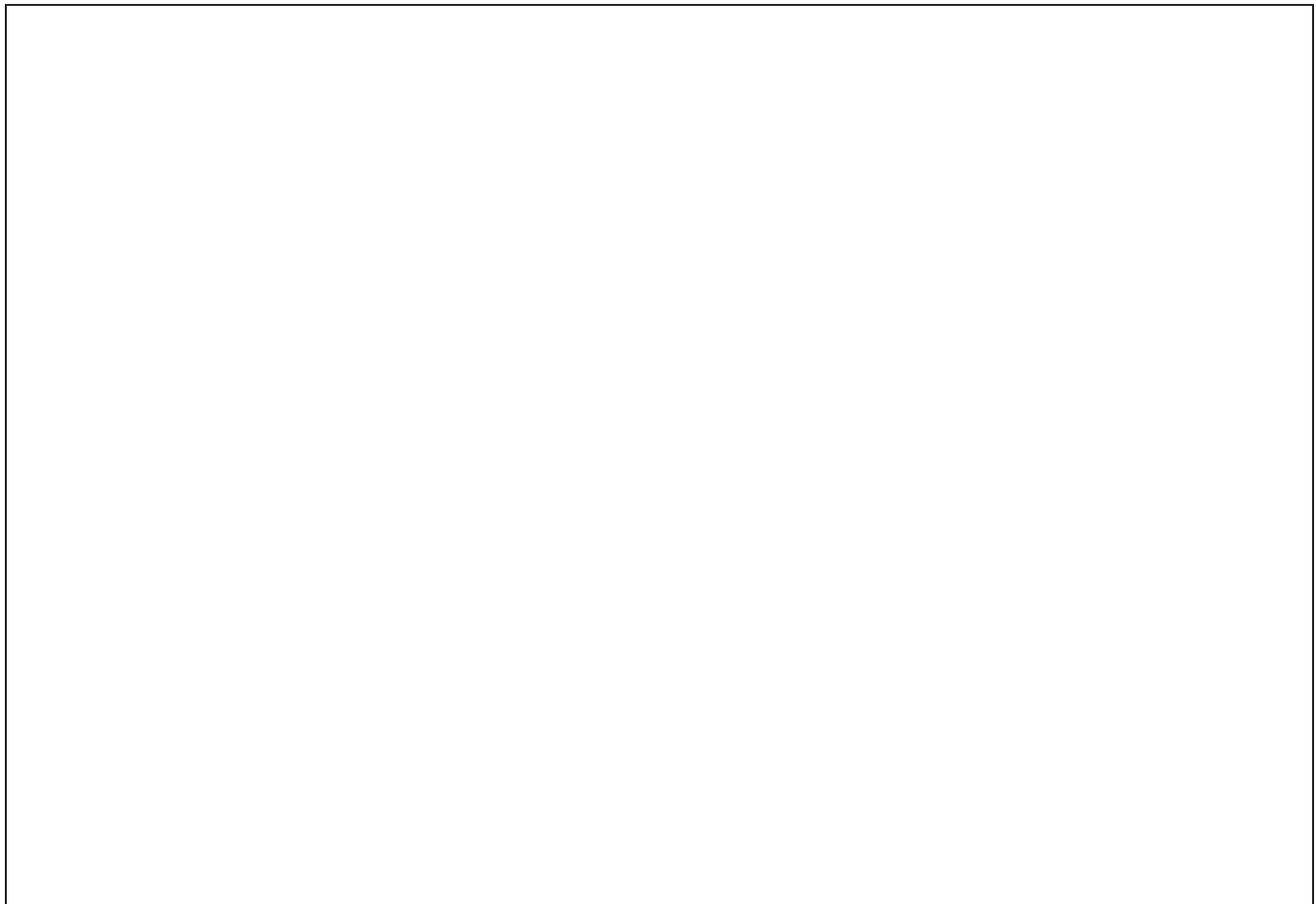


Name: _____ Date: _____

Daily Written Reflection

Which of the engineering practices described in *Sunlight and Showers* did you find the most interesting? Why?

Make a drawing if it helps you explain your thinking. Label your drawing.



Wind Turbine Criteria Checklist: First Design

1. Build your wind turbine.
2. Then read each of the criteria below.
3. Check each of the criteria that your wind turbine meets.

_____ **It spins as fast as possible.**

- Does your wind turbine spin when you blow on it or spin it with your hands?
- Does your wind turbine spin when it's in front of a fan?
- What can you change to make it spin faster?

_____ **It spins when the air moves slow and when it moves fast.**

- Does your wind turbine spin even when you blow on it gently?
- Does your wind turbine spin when it's in front of a fan on a low setting?
- Does your wind turbine spin when it's in front of a fan on a high setting?

_____ **It spins when the air blows from different directions.**

- Does your wind turbine spin when you blow on it from the front?
- Does your wind turbine spin when you blow on it from the side?
- Does your wind turbine spin when you hold it in front of a fan, facing the fan?
- Does your wind turbine spin when you hold it in front of a fan, facing a different direction?