Name _____ Date_____

Virtual Lab Activity 7.2

Civil Engineering Projects and Applications

1. **Observe** Watch the Civil Engineering Projects and Applications animation. Give a brief description of how a civil engineer could solve energy problems in a developing nation by using alternative energy sources such as wind, water, or solar energy collection and conversion.

2. **Execute** Research and design tower and blade designs for a wind turbine. Make five thumbnail sketches for potential tower, turbine, and blade designs. If possible, create CAD renderings of the two best designs.

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