Name _____ Date_____

Virtual Lab Activity 16.1

Improving Infrastructure

The Fourteen Grand Challenges for Engineers

1. **Observe** Watch the video to learn about the fourteen grand challenges for engineers. Consider how engineers will work to address those challenges to increase sustainability, improve health, overcome vulnerability, and promote the joy of living.

2. **Execute** Choose an area of the world that you think is in need of help in facing one or more of the fourteen grand challenges for engineers. Create a plan of work to help the people of that area address the challenge(s) that you have chosen. Record your plan of work.

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