



## Virtual Lab Activity 4.2

# Modeling

- 1. Observe** Note the similarities and differences between the two major types of modeling. List and define the different types of theoretical and physical models used by engineers. Explain when it is best to use theoretical versus physical models.

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- 2. Execute** Create both a theoretical model and a physical model of a project of your choice. Include samples, simulations, printouts, or photographs of one mathematical and one physical model you have created.