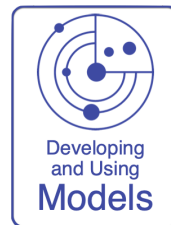


Developing and Using Models

Elements of Student Performance

High School



[Science & Engineering Practice 2](#)

Observable features of the student performance by the end of grade 12:

Components of the model

Identify and describe the relevant components.

Relationships

Represent and describe relevant relationships between the components.
Describe the relationships between components of the model as either causal or correlational.

Connections

Use the model to describe, predict and illustrate.
Use the model to provide a causal account for the phenomenon.
Connect the model to the phenomenon using the relevant crosscutting concept.
Identify the limitations of the model.

[HS-PS1-1](#) / [HS-PS1-4](#) / [HS-PS1-8](#) / [HS-PS3-2](#) / [HS-PS3-5](#) / [HS-LS1-2](#) / [HS-LS1-4](#) / [HS-LS1-5](#) / [HS-LS1-7](#)
[HS-LS2-5](#) / [HS-ESS1-1](#) / [HS-ESS2-1](#) / [HS-ESS2-3](#) / [HS-ESS2-4](#) / [HS-ESS2-6](#)

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