

Summarising models



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This summary slide contains some of the overarching ideas about scientific models in one graphic. You can display as you explain scientific models, and return it each time students encounter different models. This can aid retrieval and help students appreciate this is another example of the same idea they've already studied. It may also help students see where a model currently being studied fits in to their overall schema of scientific models and how it compares to other scientific models previously studied.



Physical models

Comparisons/ analogies

Visual pictures held in our minds

Equations/ graphs

Computer models

SCIENTIFIC MODELS

Some scientific models are scientific ideas that attempt to describe/picture things in the world.

Some scientific models are things used to *represent* or *illustrate* scientific ideas.



ALL scientific models can be used to make predictions.