

## Scale Models

A **scale model** is a physical representation of an object. Models allow us to examine the physical characteristics of an object without having the object itself. You can think of models as miniatures!

Scale models are used in:

- science, engineering, architecture, film making, military command, salesmanship and even fun in hobby model building.

Scale models are based on the details of the original object.

To be a true scale model, the properties of the model have to be the same as the original object. This allows us to examine how the original object might interact with the real world.

## Pictures of Scale Models







ion: 3A

# Rotate VS. Revolve

SPIN OR TURN



TAKES:

24 hours -OR-  
1 day

CAUSES:

day & night

GO AROUND



TAKES:

365 days -OR-  
1 year

CAUSES:

seasons

