

Type of Model	What It Shows	Why It Is Used	Example
Architectural Model	The appearance and layout of buildings or spaces	Helps architects and clients visualize what a building will look like before construction	A scale model of a house, school, or skyscraper
Structural Model	How a structure supports weight and forces	Engineers test strength, stability, and load distribution	A model bridge made from sticks or a tower showing support beams
Process Model	Steps in a system or workflow	Helps understand how materials, information, or products move through a process	A model showing how water flows through a treatment plant or how an assembly line works
Mechanical Model	Moving parts and mechanisms	Demonstrates how machines work and how parts interact	A model engine, gear system, crane, or robotic arm
Industrial Model	Large systems used in manufacturing or industry	Helps plan factories, equipment layout, and production systems	A scale model of a factory floor or manufacturing plant