

# High School Math & Statistics Activity

**Topic:** Mathematical Modeling

**Objective**

Students explore and understand mathematical modeling concepts.

**Materials**

- Notebook
- Calculator
- Graph paper
- Ruler
- Markers

**Activity Steps**

1. Introduce mathematical modeling.
2. Solve guided examples.
3. Practice in groups.
4. Record solutions.
5. Present results.

**Observation / Notes**

Problem	Solution/Notes

**Discussion Questions**

- What is mathematical modeling?
- Where is it applied?
- What did you learn?
- Why is it useful?

**Extension Activity**

Create a real-life example using mathematical modeling and present.

## Mathematical Modeling Diagram

Model Graph

