

Modeling Points, Lines and Planes

- Grading Criteria:
1. Neat and clear drawing or model.
 2. Points, lines and planes represented.
 3. Demonstrates spatial relationships.
 4. Proper notation used.
 5. Probing questions and accurate answers.

Description of Project:

Draw or make a model that represents the basic elements of geometry – points, lines and planes. (You may also include rays and segments).

Your model must illustrate the following spatial relationships:

- a) Parallel
- b) Skew
- c) Intersecting
- d) Collinear
- e) Coplanar
- f) non-collinear
- g) non-coplanar

You will probably need at least 2 planes, 3 lines and 5 points.

Write at least 4 questions that ask about specific elements and relationships in your model. They can range from basic to complex.

Include answers to your questions on a separate piece of paper.