

Blueprint Overview

Your blueprint should contain the following sections and information. The physical layout for your blueprint depends on the space and materials available to you. Your display must contain sections 1-6. Be sure that your blueprint reflects how your finished project will look. If there is not enough room on your blueprint, you may have to attach separate pages with complete text for the written parts of your exhibit.

Section

Minimum Requirements

1. Drawing or 3D Model

You may make a drawing, build a model that you find on the Internet, or design your own 3D model of the mission of your choice. Label the parts of your model. Either build your model to scale or show the measurements of the actual telescope or spacecraft.

2. Science Objectives

List the major science objectives for the mission.

3. Instruments

List the mission's instruments and a brief description of their function.

4. Sample of Data Set

Select one instrument and include a sample of the kind of data it collected. Briefly explain what the data show.

5. Overview of Mission

List the date of launch, country and organizations that oversaw the mission, duration of the mission, the planets/moons/sites visited, and cost of the mission. Write a paragraph on this mission and how it helped us discover more about our solar system.

6. Team Members

List the team members and their individual jobs for the project.

7. Teacher Certification

Have a place under the team members' names where your teacher can "certify" your design, stating that it has been reviewed and that it is ready to build.

8. Materials

Make a list of the materials you will need to build your exhibit.