

Celebrate  
Science!

Model Packet

## **Timeline for Celebrate Science Project**

We will have 2 checkpoints where students will bring to class certain pieces of the project. These can be brought in rough draft form (spiral, paper, pictures - printed or sent via email or the Google drive).

**Friday, January 10th**

**Checkpoint 1: The items below are due to your teacher.**

**Experiment Project:** Hypothesis, definitions, and background information.

**Report:** Rough draft.

**Model:** Picture or written description of model or demonstration showing you have begun making it.

**Friday, January 17th**

**Checkpoint 2: The items below are due to your teacher.**

**Experiment:** List of materials and procedure.

**Report:** Revised and edited draft, bibliography.

**Model:** Picture and written description of model or demonstration showing progress.

**January 18-27th**

**Items to finish at home**

**Experiment:**

Finish up experiment.

Work on results and conclusion.

List references and acknowledgements.

Assemble display board.

Practice presenting project.

**Report:**

Finish up revising and editing.

Add any media, pictures, charts, and visual effects.

**Projects are due Tuesday, January 28th!!**

## **Model or Demonstration Requirements**

1. Students will create a 3-dimensional model of a science-related topic.
2. A typed or media-based visual support has the following criteria:
  - a. Title
  - b. Stated purpose
  - c. Background research on your model (2-3 paragraphs)
  - d. Definitions and labels are legible on model
  - e. List of materials used
  - f. Procedures stated about creation of model and how the demonstration works
  - g. 1-page reflection and summary of your model or demonstration
  - h. Acknowledgements and references

**Model/Demonstration due on Tuesday, January 28th.**

## **Model Project Rubric**

Name\_\_\_\_\_

### Model

1. Title (5)
2. Stated purpose (5)
3. Background information on your topic (10)
4. Definitions and labels (10)
5. List of materials (10)
6. Procedures on making model (10)
7. 3-Dimensional science model (15)
8. Reflection and summary (15)
9. Acknowledgments/References (5)
10. Neatness of project (15)
11. Overall quality/idea - grade appropriate (5)
12. TOTAL:

## **Celebrate Science Presentation Rubric**

- ☐ Introduced topic
- ☐ Project was summarized
- ☐ Expressed knowledge about the topic with facts
- ☐ Faced audience
- ☐ Used visual supports correctly
- ☐ Spoke in a clear speaking voice
- ☐ Answered questions from audience

**Comments:**