

## STEPS OF THE SCIENCE PROJECT AND DUE DATES

SELECT A TOPIC – DUE **DECEMBER 15, 2011 for 4<sup>th</sup> Grade** and **DECEMBER 16, 2011 for 5<sup>th</sup> Grade** ---- CHOOSE SOMETHING YOU'RE INTERESTED IN AND SOMETHING YOU WANT TO LEARN MORE ABOUT. SEE HANDOUTS ON IDEAS FOR PICKING YOUR TOPIC.

1. PURPOSE and HYPOTHESIS – DUE **DECEMBER 15 for 4<sup>th</sup> Grade** and **DECEMBER 16<sup>th</sup> for 5<sup>th</sup> Grade**

THE PURPOSE is a description of what you will do. The hypothesis is an educated guess as to what you think will happen.

2. RESEARCH – DUE **JANUARY 12<sup>th</sup> for 4<sup>th</sup> Grade** and **JANUARY 13<sup>th</sup>, for 5<sup>th</sup> Grade**

AFTER the topic is chosen, start the research process. The research contains all the background information the student can collect on the topic. Any books, articles, or interviews should be summarized and presented in this section. You should organize your information into a list of facts or written in paragraph form. It should be written in your own words and not copied from the encyclopedia, computer, or other reference.

3. EXPERIMENT – **DONE ON YOUR OWN BEFORE PRESENTATION**

PLAN, organize, and experiment well in advance if you are doing an experiment. You may have to repeat it a couple of times to get adequate results. Perform the experiment under controlled conditions. Keep records in a special notebook that is used only for this project.

4. WRITTEN REPORT – DUE **FRIDAY FEBRUARY 10, 2012 FOR 4<sup>TH</sup>** and **5<sup>th</sup> GRADE**

If working with a partner, you both need to turn into a separate written report. Reports might have like ideas but must be written individually and should not be identical. Reports should include:

- a. TITLE
- b. TABLE OF CONTENTS
- c. INTRODUCTION
- d. PURPOSE
- e. HYPOTHESIS
- f. RESEARCH
- g. LIST OF MATERIALS
- h. PROCEDURE
- i. DATA/OBSERVATIONS
- j. CONCLUSION
- k. ACKNOWLEDGE/BIBLIOGRAPHY

#### **5. EXHIBIT – DUE THURSDAY, FEBRUARY 16, 2012**

THIS is the visual presentation of your project so prepare it carefully. Use graphs, charts, pictures, and clear, bold lettering to highlight the display.

**TRI-FOLD POSTER BOARDS MUST BE PURCHASED ON YOUR OWN. YOUR PROJECT MUST BE DONE ON A TRI-FOLD POSTER BOARD.**

#### **6. JUDGING**

Plan how you want to explain your project to the judges. Look neat, speak clearly, and don't fidget or do other distracting things. Be polite when you are answering questions. If you don't know the answer, ask your partner or say that you don't know.

**PRACTICE, PRACTICE, PRACTICE YOUR PRESENTATION**