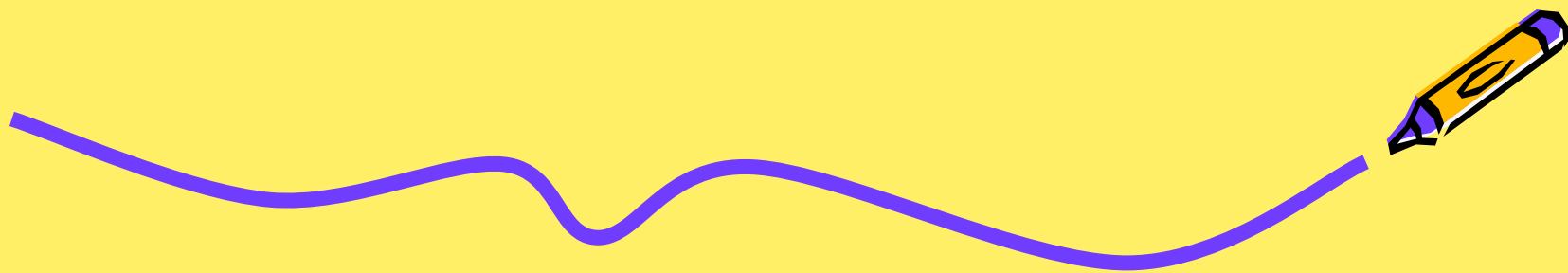


# Elementary Science Fair Information Session



# Purpose

- Provide resources and information that will be helpful to students as they develop their science fair projects:
  - Project rules
  - Sample project display diagram
  - Ideas for science fair projects and project checklist



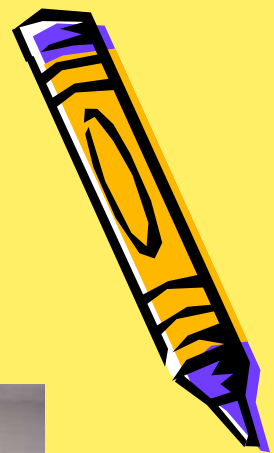
# Important Dates



- Elementary School Regional Science Fair:
- February 11, 2017
  - Location: Morrow Middle School
- Elementary Science Fair Awards Ceremony:
- February 13, 2017
  - Location: Performing Arts Center



# What is a Science Fair Project?



- A Science Fair Project is an experiment that answers a question about a topic that you are interested in.





# A Successful Science Fair Project

- Represents student work
- Shows careful planning
- Includes a complete record - i.e., journal
- Includes photos, charts, pictures, etc.
- Has accurate, valid, and correct observations
- Is attractive and organized



# The Scientific Method

- Ask A Question
- Do Background Research
- Develop a Hypothesis
- Design Experiment Procedures (more than one trial)
- Organize and display data and results
- Interpret results and draw conclusions



# Regional Fair Guidelines



- 4 entries per school to regional fair  
(4<sup>th</sup> or 5<sup>th</sup> graders)
- Project categories: Earth, Life, and Physical Sciences
- Provide time for experimentation
- Science projects should be accompanied by research paper (includes question, hypothesis, background research, description of procedures, bibliography)
- \* No more than 3 students on a project team



# Student Rules for Science Fair Projects



- Choose a project in one of areas: Earth, Life or Physical Science
- Design project using scientific method
- Represent your own ideas and work
- Include all participant names
- Create display board (3 foot by 3 foot table area) - see display board handout
- Include research paper





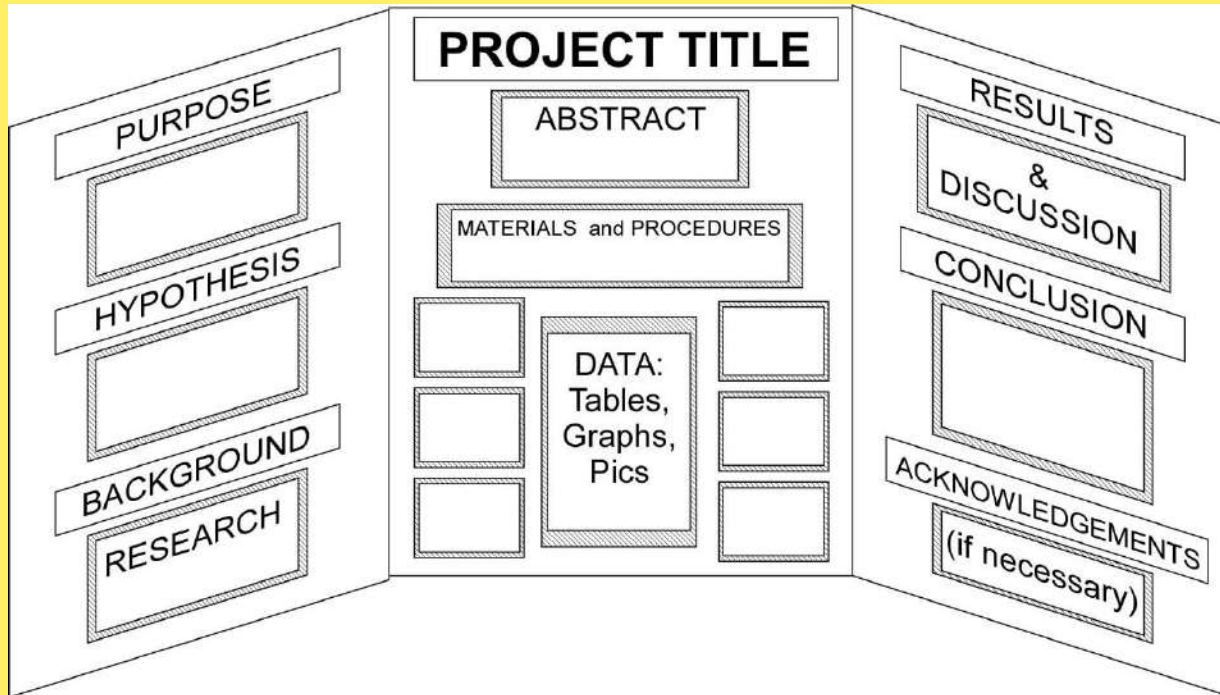
# Display Boards



- Title
- Purpose
- Hypothesis
- Procedures
- Data
- Graph(s)
- Conclusion



# Display Board Set-Up



# Items Required to be at the Project Table

- Entry Forms
- Board
- Notebook/Journal
- You



# Items Not Allowed at Display



- No plants
- No specimens
- No food
- No human or animal parts (teeth, fluid samples)
- No chemicals including water
- If it doesn't run your project, take a picture and leave it at home





# Ideas for Science Fair Projects



- **Science Buddies:**  
[www.sciencebuddies.org/](http://www.sciencebuddies.org/) - project ideas and project guides

- **Discovery Education -**  
<http://school.discoveryeducation.com/sciencefaircentral/> - project ideas, science careers, and project guides



# Science Fair Project Checklist



- Have you formulated a question that requires observation and experimentation?
- Have you documented how you used the Scientific Method for your project?
- Have you written your research paper?
- Have you designed your project display to showcase your project?
- Have you neatly completed the entry form in ink or by typing it?
- Have you turned in everything on time?



# Important Things to Remember:



- From the very beginning, Keep notes on your project. Write down what you do each time you work on it. This will help you write your report.
- Keep up with where your information came from!!





# CAUTION!!!



- **NEVER!!** copy someone's project!  
Use the ideas to make your own project.
- You can use the same project, just do the work yourself!



# Remember

- Your teachers and parents will be happy to help you!!!
- But do the work yourself!!!
- Make sure that the results of your experiment answers the question you have asked!

