

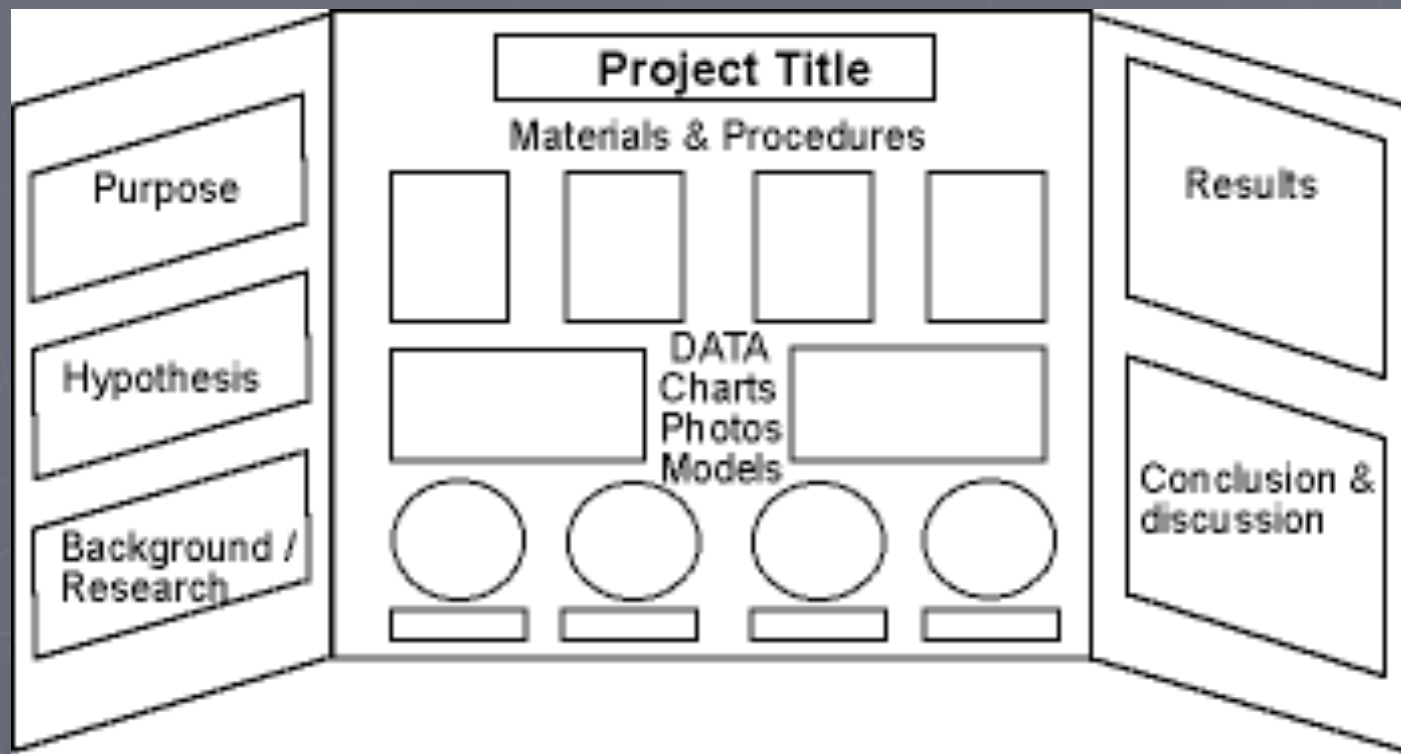
JUDGE TRAINING

Choose the Best
Encourage the Rest

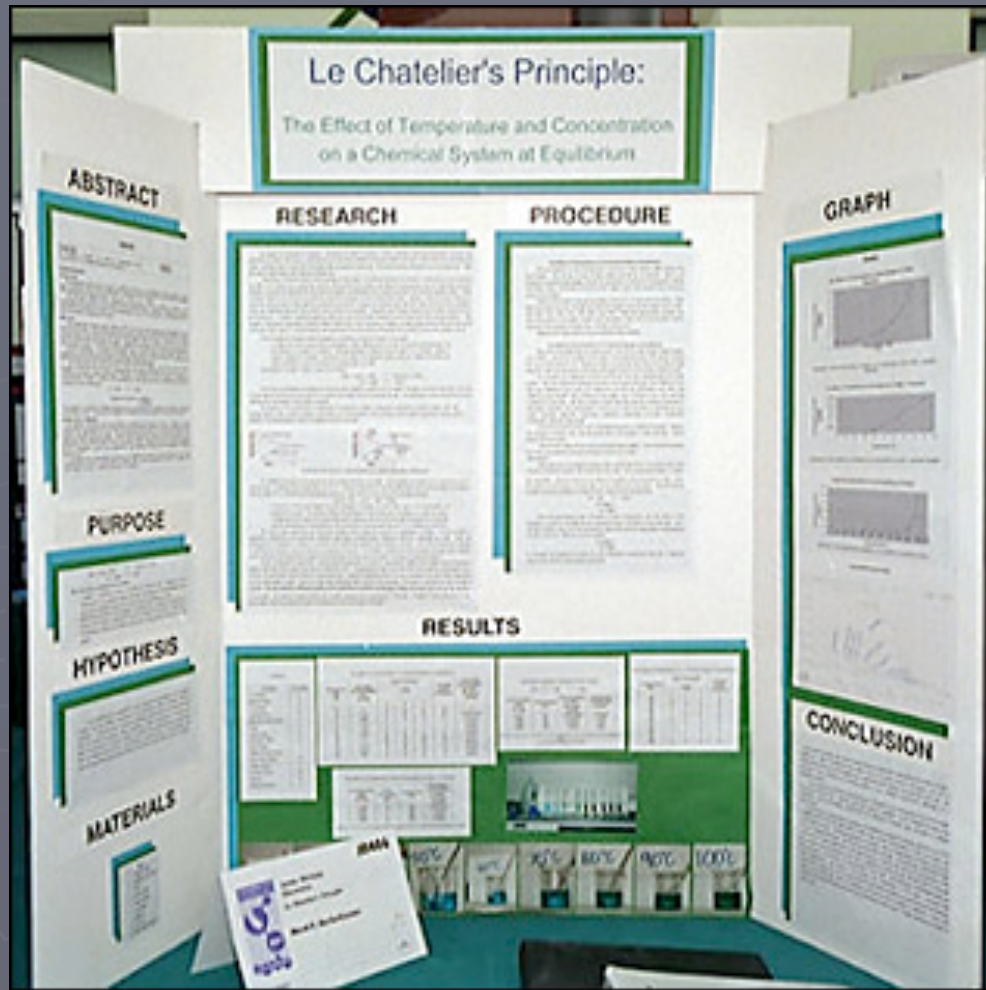
What Does A Science Display Look Like?

- ▶ Display Board
- ▶ Data Logbook/Journal
- ▶ Abstract
- ▶ Paper(optional)
- ▶ ISEF Forms : Form 1(institution use)
Form 7(continuation)

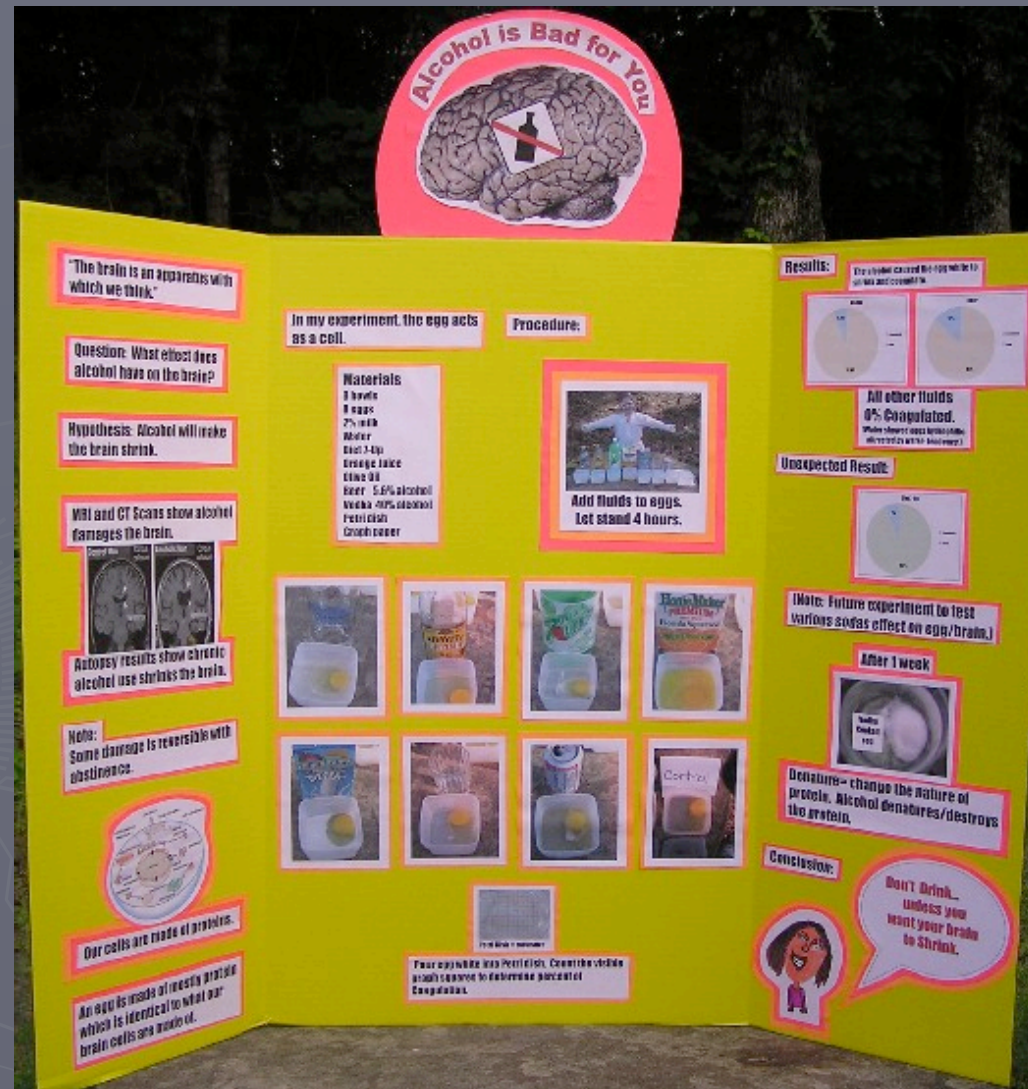
What Does A Science Display Look Like?



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Judging the Board

- ▶ 10-15 minutes
- ▶ Display quality should not impact score of science knowledge and experimental design
- ▶ Beware of the slick salesperson
- ▶ Focus on the Science
- ▶ The presenter can do amazing things – trust what they say to you

The Roles Of A Judge

- ▶ Evaluator
- ▶ Facilitator
- ▶ Counselor
- ▶ Motivator
- ▶ Role Model

Judge Experience

- ▶ Be genuine
- ▶ Let the student show their stuff
- ▶ Encourage conversation
- ▶ Avoid value judgements
- ▶ Give one opportunity for improvement
- ▶ End meeting on a positive note
- ▶ Smile

Judge Behavior

- ▶ Put students at ease (sit down)
- ▶ Show you are interested
- ▶ Listen actively
- ▶ Ask students enough questions to satisfy yourself that they understood the project
- ▶ When you have reached the student's knowledge limit, STOP asking questions
- ▶ Remember when you were 12 years old?

Sample Questions

- ▶ What is the purpose of your study?
- ▶ Why is this project important to you?
- ▶ Explain your procedure.
- ▶ Where did you get the idea for your project?
- ▶ What is your control? Variable?
- ▶ What instruments did you use for measurements?

Sample Questions

- ▶ Of what value is your project to society?
- ▶ Do your results indicate further study is needed?
- ▶ What did you base your conclusions?
- ▶ Did you repeat your tests? How many?
- ▶ Are there other approaches you might have taken to your research?
- ▶ What are some previous studies?

Sample Questions

- ▶ What problems arose during your investigation?
- ▶ How did you overcome problems?
- ▶ How much time did your study take?
- ▶ What would you do differently?
- ▶ What does your results lead you to for future studies?
- ▶ What did you enjoy most about your project?

Teacher's Perspective

- ▶ Knowledge Base
- ▶ Experimental Design
- ▶ Uniqueness/Creativity
- ▶ Hard Work
- ▶ Enthusiasm

Judge Tips

- ▶ Student understanding may be more important than actual results
- ▶ Don't tally scores in front of students
- ▶ Don't verbally criticize or degrade projects (A LOT OF EARS ARE LISTENING!)
- ▶ If stuck on project, ask for help
- ▶ Don't judge a project that you have a conflict of interest
- ▶ Have FUN!