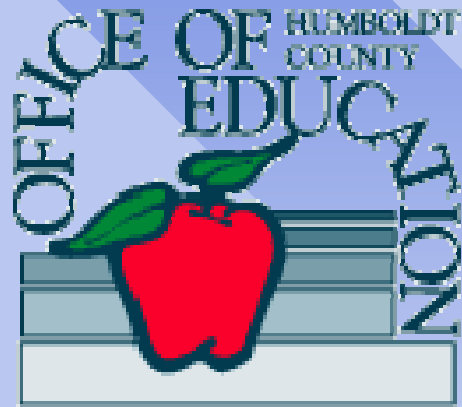


# Humboldt County Science Fair



Welcome Judges!

# PROJECT CATEGORIES

- Life Science-Animals
- Life Science-Botany
- Earth / Space Science
- Math / Inventions / Engineering
- Physical Science



# YOUR JOB

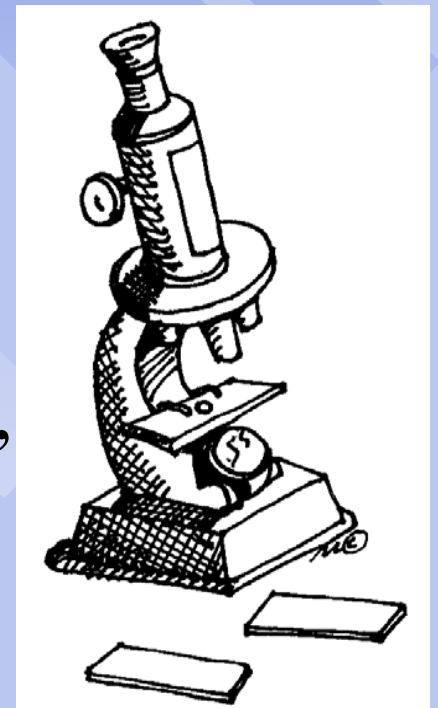
## Provide Student Feedback

- 4th & 5th Grade : select 1st, 2nd, 3rd place medal winners
- 6th, 7th, 8th grades: identify interview candidates
  - \*1/2 of score for medal winners
- 3 scores averaged
- Judge against the criteria



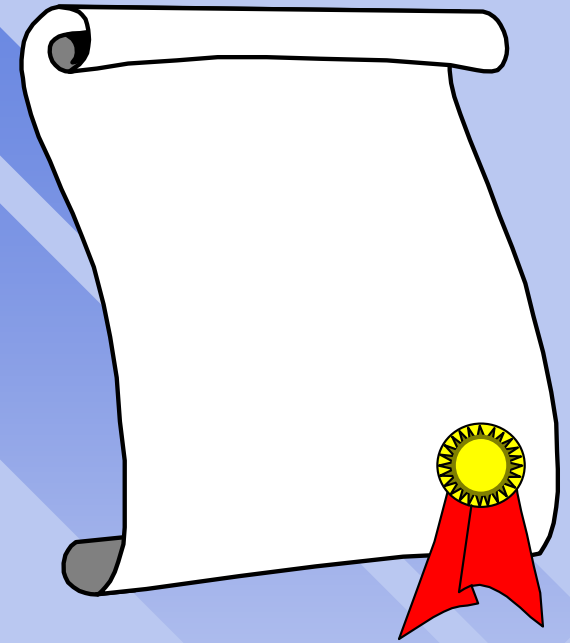
# JUDGING HINTS

- Scan all projects in the grade level category
- Meet at the first project in that grade level category (#01). Review the project with the other judges.
- 15 minutes per project (4/5)
- 20-25 min. (6-8)
- Be consistent
- Return to first projects
- Pace yourself
- See Handout “What Makes A Good...”

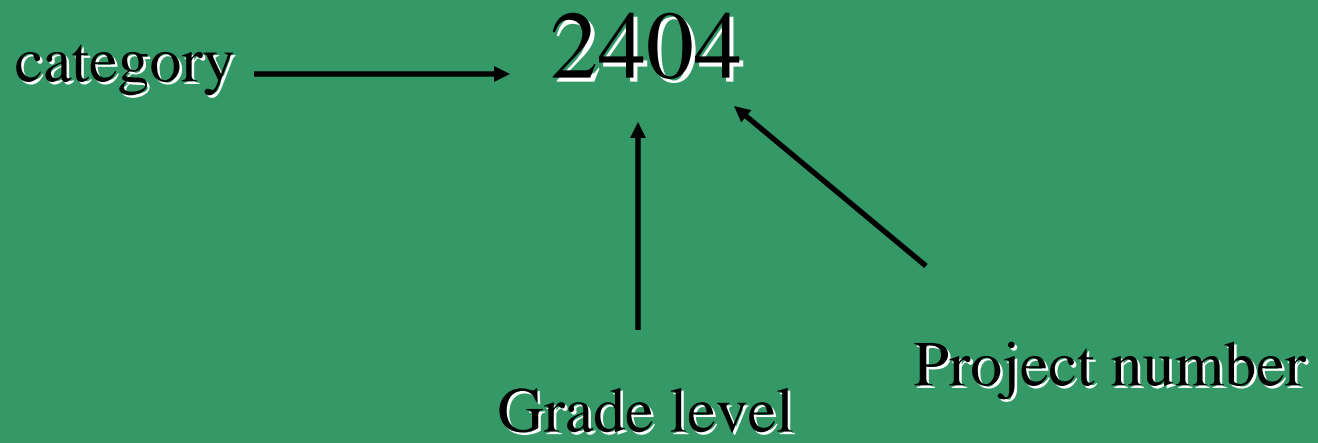


# JUDGING FORM

- 2 forms : 4-5, 6 & 7/8
- **Color** of paper = category
- Label
  - \* will match project, table, comment card
  - \* not in sequence
  - \* you may have mixed grades (be careful)

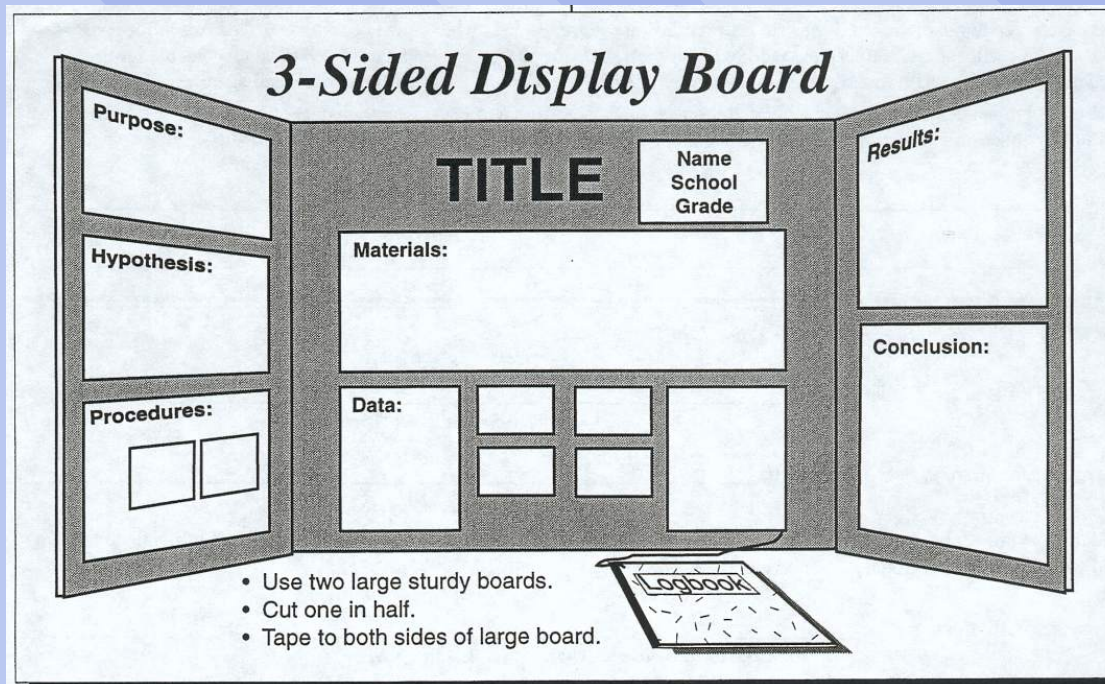


# Life B



# DISPLAY SPECIFICATIONS

- **GREEN DOT** = 10 point deduction
- Attached logbook
- Bibliography (in logbook)



# JUDGING GRADES 4-6 & 7-8

- **Basic Requirements (pre-screened)**
- **Required Research Approval Certificate (pre-screened)**
  - **Animals, weapons, hazards**
  - **Tell committee if 1 slipped by**
- **Evidence of Scientific Knowledge: 3 major areas**
  1. Logbook
  2. Presentation Display
  3. Overall Quality
- **Judge's I.D. #**

# LOG BOOK

- Thorough background research
- Hand-written or computer text
- Bibliography has more than 1 source
  - » Text, interviews, internet sites
- Rough notes & drafts of **ALL** project aspects (charts, graphs, interviews, etc.)
- Working diary-not a repeat of the backboard
- Evidence of more than 1 trial
- Data well organized; clearly labeled sections

# BACKBOARD

- Clearly worded hypothesis developed prior to research (“because” statement)
- Procedure identifies order of steps taken
- Results clearly written (often in list form); no conclusive statements
- Results also in the form of graphs and /or tables
- Graphs are coherent and clearly labeled
- Conclusions appropriate to science conducted
- Real world applications

# TEAM PROJECTS

- Groups up to 4
- Evidence of equal contribution by all students
- Each student **MUST** have her/his logbook  
Should not look identical
- Who did what by name better than “we”



# TWO-YEAR PROJECTS

- A new question is asked or an extension beyond the previous year's work
- Logbook from original project must be displayed
- Prominently labeled "Two-Year Project"
- First year results indicated separately from second year results

# SCORING RUBRICS

- **Logbook 0, 2, 4, 6**

- 0 - Not present

- 2 - Limited /missing components

- 4 - Meets requirement stated

- 6 - Exceptional / beyond requirement

- **Display 0, 1, 2, 3, 4**

- 0 - Not present

- 1 - Minimal

- 2 - Standard

- 3 - Good

- 4 - Excellent

- **Weighted categories**

# SPELLING & GRAMMAR

- Backboard only

- All Grades

  - 0 pts - for 8 or more errors

  - 1 pt - for 5, 6 or 7 errors

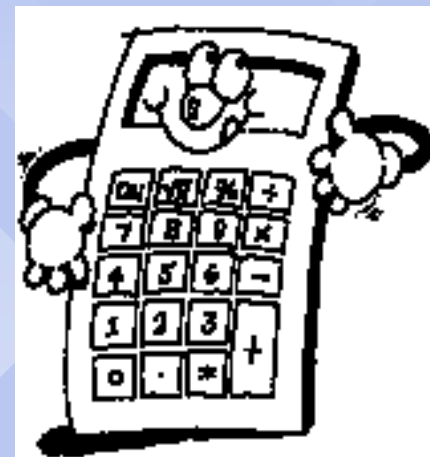
  - 2 pts - for 3 or 4 errors

  - 3 pts - for 1 or 2 errors

  - 4 pts - for 0 errors

# OVERALL QUALITY

- **MUST** be completed-not optional
- No rubric
- Judges expertise and experience
- Originality of idea
- Creativity of approach
- Level of difficulty
- Real world applications



# GENERAL CONCERNS

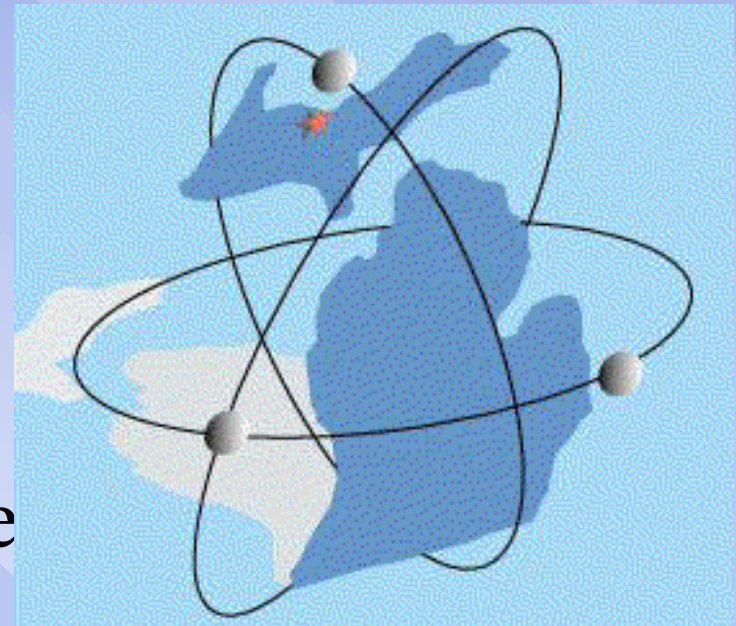
- Parental Involvement-encouraged
- Kid language (may be an indicator)
- Backboard may be word processed or handwritten
- B-O-D when in question
- Interviews will separate in upper grades
- Drawings = real thing

# COMMENT CARDS

- Encourage, encourage, encourage,
- Compliments-see examples
- Suggestions to the students
- Each judge fills 1/3 of space
- Include judges ID #
- Will be the **only** feedback 2/3 of the students will receive

# LOGISTICS

- No shows (pink form)
- Chairs, pencils, clipboards
- Coffee/food/bathrooms
- Conflict of interest
  - relative, neighbor, class
- Ask committee members
- Calculators/Check point totals
- Return papers to front table



# T Shirts & Sweatshirts

**Proceeds help to  
pay to send  
students to the  
California State  
Science Fair in Los  
Angeles!**

# Questions?

?

?



?

?

?

Thank You !!!!!!!