

## Homeschool Day Science Fair

| CRITERIA   | RATING          |               |          |                     |                           |
|--|-----------------|---------------|----------|---------------------|---------------------------|
| 1. SCIENTIFIC PROCESS  | 5 - Outstanding | 4 - Very Good | 3 - Good | 2 - Needs More Work | 1 - Needs A Lot More Work |
| Is there a clearly stated hypothesis?                                |                 |               |          |                     |                           |
| Is there evidence of background research?                            |                 |               |          |                     |                           |
| Does the experiment test what it is supposed to?                     |                 |               |          |                     |                           |
| Is there sufficient data to support their conclusion?                |                 |               |          |                     |                           |
| Have accurate variables been identified?                             |                 |               |          |                     |                           |
| Is there one independent variable?<br>Are variables are controlled?  |                 |               |          |                     |                           |
| Are problems with the experiment discussed and solutions suggested?  |                 |               |          |                     |                           |
| Are ideas for future projects given?                                 |                 |               |          |                     |                           |
| Are there references?  |                 |               |          |                     |                           |
| 2. STUDENT EXPLANATION   |                 |               |          |                     |                           |
| Are they able to discuss and explain without reading from the board? |                 |               |          |                     |                           |
| Are they able to successfully answer your questions?                 |                 |               |          |                     |                           |
| 3. WRITTEN COMMUNICATION   |                 |               |          |                     |                           |
| Has the student expressed their ideas well in written form?          |                 |               |          |                     |                           |
| Is the layout easy to read and follow?                               |                 |               |          |                     |                           |
| Are there spelling and grammatical errors?                           |                 |               |          |                     |                           |
| 4. PROJECT CREATIVITY  |                 |               |          |                     |                           |
| How creative is the student's project?                               |                 |               |          |                     |                           |
| Have they developed their project in an original and creative way?   |                 |               |          |                     |                           |
| Does the project make you want to know more about the topic?         |                 |               |          |                     |                           |
| <b>TOTAL:</b>  |                 |               |          |                     |                           |