**KEEP ON TRACK Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Scientific Project Schedule Class Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **Assignment** | **Due****Date** | **Date Completed** | **Parent Check** | **Teacher Check** | **Grade** |
| Topic Selection – Choose a topic that INTERESTS you in science. *Example: Factors that affect plant growth* | 9/1/16 |  |  |  |  |
| Problem Statement / Research Plan– The specific problem you are going to investigate. It should be worded as a question. *Example: How does the amount of fertilizer affect plant growth?*  | 9/14/16 |  |  |  |  |
| Background Information: Research your topic using books, magazines, encyclopedias, interviews with professionals, and so on. Your research should be collected using note cards. Your information **MUST** come from at least 5 different sources. **Individual due dates for note cards are:**1st 20 note cards 2nd 20 note cards | 9/29/1610/7/16 |  |  |  |  |
| Hypothesis: (**see Research Plan**) After fully researching your topic, create a testable hypothesis about what you think the outcome of your experiment will be. It should be written as a statement. *Example: If a higher percentage of fertilizer is added to soil then plants will grow taller.* | 10/10/16 |  |  |  |  |
| Experiment Material List: (s**ee Research Plan**) Make a detailed list of ALL materials to be used in the experiment. | 10/10/16 |  |  |  |  |
| Procedures: (**see Research Plan**) Step-by-step procedures must be written for your experiment.**ALL ISEF FORMS DUE TO MS. RICKARD** | 10/10/16 |  |  |  |  |
| Background Information Paper: Rough Draft (minimum of 3 pages) of your research is due. This information will also be included in your final draft. | 10/21/16 |  |  |  |  |
| Experiment: Conduct your experiment and collect data in your log book (see handout for log book instructions). **YOU MAY NOT BEGIN UNTIL ALL ISEF FORMS ARE TURNED IN TO MS. RICKARD AND APPROVED.** | 10/10/16-11/9/16 |  |  |  |  |
| Log Book: (see handout for specific instructions) After conducting the experiment, analyze the data and draw conclusions. Draw easy-to-read charts and graphs to show data. | 11/16/16 |  |  |  |  |
| Experiment Report: (see handout for specific instructions on writing the report).  | 11/16/16 |  |  |  |  |
| Project Display Board: (see handout for specific instructions) Your project display, completed log book, and report MUST be turned in by this date. | 11/16/16 |  |  |  |  |