

The Solar Collector Project

Assessment

I have only included what you need to score a three or zero for each category.

Question and Hypothesis

3 – I framed a testable question and/or hypothesis in a way that identifies causes and effects.

0 – Hypothesis may be present, but is incomplete or not testable.

Scientific Procedures

3 – I presented easy-to-follow steps which are logical and adequately detailed.

0 – Procedures are not listed, or are not in order or incomplete.

Results

3 – My line graph is accurate and contains all titles and labels.

0 – My line graph is not accurate and does not contain all titles and labels.

Conclusions

3 – An excellent conclusion section has all of the following:

- Conclusions are based upon the data and observations and they address all aspects of the hypothesis.
- The project conclusion is a **statement** of how the results relate to the hypothesis.
- If your results do not support your hypothesis, give possible reasons for the difference between your hypothesis and the experimental results.
- Conclusions are used to make further predictions or generate new questions.

0 – Conclusions are not based on data. No statement is given. No further predictions or questions are asked.

Discussion

3 – I discussed why I think solar energy use reduces environmental pollution. I talked about why I had to conduct two tests. I wrote down one observation from my test and one inference that I made from it.

