



# Science Fair Research Projects (K – 5<sup>th</sup> Grade)

## Targets for an Excellent Science Fair Project

	Advanced Proficient <b>5</b>	“TRANSLATED”
<b>Purpose and Problem</b> <i>(Double Points)</i> <b>(x2)</b>	States the Purpose and Problem clearly, addressing a valid scientific or mathematical concept. Provides evidence that they come from the student’s personal interests or experiences, and represent a genuine learning opportunity for the student.	Describe what interests you about this topic. Ask a question where you do not know that answer.
<b>Hypothesis</b> <i>(Double Points)</i> <b>(x2)</b>	Hypothesis is complete (in one sentence), testable, directly addressing the stated problem, and reflects prior knowledge.	Try to answer your question. Give reasons for your reason.
<b>Research</b> <i>(Triple Points)</i> <b>(x3)</b>	Cites four or more sources. There are at least three different types of resources. The student makes clear, in-depth connections between the research and their problem and hypothesis in their own words.	Research thoroughly from many sources. Connect the research to your question.
<b>Conclusions</b>	Conclusion completely answers all aspects of the problem, states if the hypothesis was supported or rejected, and clearly cites evidence to explain why.	Use your research to answer your original question. Explain how you know if your hypothesis was right or wrong.
<b>Visual Quality of Display</b>	Project is appealing and neat, and is readable at approximately 2 feet distance. It is well organized and clear, makes striking use of inventive or amusing visuals and/or models, and uses language and spelling flawlessly.	Make your project fun to look at with pictures and colors. Use large, clear lettering. Check grammar and spelling.
<b>Sources</b> <i>(at the end of the written report)</i>	All sources are listed with complete information given, i.e., name, title, web address, date (as shown on pp. 19 and 20 in the Elementary Sci. Fair Handbook). One could easily find any of the sources as listed.	Carefully record where you found your information so others could find those sources, too.