What Do Judges (Like Your Teacher) Look For In A Research Project?

Overall Project:

- well thought out research
- evidence of library searches for background information - you should be able to have a conversation about your subject/topic
- well thought out planning and experimentation - repetition of trials, lots of data
- significance/rationale of your question - why should we be interested in the answer to your question
- logical thought processes during your research and experimentation
- evidence that you learned something while researching rather than knowing the answer before you began your experiment

Details of the Project:

- how well you followed a logical, scientific method of research
- details and accuracy of notes, data and charts...
- use of the metric system of measurement
- proper use of tools and equipment
- experimenting for a purpose not just because you had the necessary equipment
- originality and significance of the research (possible positive implications...)