



CURRICULUM, INSTRUCTION & PROFESSIONAL DEVELOPMENT

Office of the Science Curriculum Leader

Teacher Resource Center, Room 7, Extension 2963 * FAX (562) 426-8448

LBUSD DISTRICT SCIENCE & ENGINEERING FAIR PROJECT **ELIGIBILITY CHECKLIST** FOR GRADES K-12 STUDENTS

Projects must meet ALL criteria listed below in order to be displayed at the District Science & Engineering Fair.

_____ Project represents ORIGINAL research and student work; not a demonstration.

_____ Display meets size requirements specified in handbook.

_____ Models fit on table in front of display and do not exceed display board in depth or height. (Some exceptions may be allowed with special permission of the Science Curriculum Leader.)

_____ **Display** includes:

<i>for Experiment (K-12)</i>	Title, Problem, Hypothesis, Procedure, Results, Conclusion
<i>for Environmental Innovation (K-12)</i>	Title, Env'l Prob., Innovative Idea, Action Plan, Obstacles or Cost/Benefits, Reflections
<i>for Engineered Invention (3-12)</i>	Title, Purpose, Problem, Poss. Solutions, Plan & Create, Test & Improve, Conclusions & Apps
<i>for Reverse Engineering (3-12)</i>	Title, Product Research, Device Details, Subassembly Description, Professionals, Reflection
<i>for Organized Collection (K-1)</i>	Title, Purpose, Problem, Hypothesis, Experiments (<i>ways of organizing</i>), Conclusion
<i>for Research (K-5)</i>	Title, Purpose, Problem, Hypothesis, Research, Conclusion
<i>for Rube Goldberg Device (6-8)</i>	Title, Task, Preliminary Design, Obstacles, Final Design, Reflection
<i>for Career Shadow (6-8)</i>	Title, Purpose, Research, Interview, Photo Journal, Reflection
<i>for Scientific Survey (7 only)</i>	Title, Purpose, Hypothesis, Procedures, Results, Conclusions, Application/Reflections

_____ **Written Report** is in pocket on display board and includes the elements listed on the back of this form.

_____ All items are firmly attached to display board with glue (NOT staples, tacks, tape, etc.).

_____ No freehand titles, subtitles, or report covers

_____ Student's name, grade, school, and teacher are indicated on the BACK of the display on the upper right corner.

Please refer to the LBUSD Science Fair Handbook for detailed information about each item listed above.

We, the undersigned, certify that all of the above requirements have been met.

Student: _____

Parent/Guardian: _____

Site Science Fair Coordinator: _____

Reminder: Students entering projects in the District Science Fair should be aware that although care will be taken, damage could possibly occur to projects during the time they are on display. Long Beach Unified School District will not be responsible for lost, stolen, or damaged items.

(Use this form as the front page of student's written report.)

Written Report Elements by Project Type

Boxed elements are assessed on the rubric used to judge school site fairs to determine candidates for the LBUSD District Science & Engineering Fair

Organized Collection K-1	Experimentation K-5	Environ'l Innovation K-5	Engineered Invention K-5	Reverse Engineering 3-5	Research K-5
<input type="checkbox"/> Title Page <input type="checkbox"/> Purpose <input type="checkbox"/> Acknowledgments <input type="checkbox"/> Problem <input type="checkbox"/> Hypothesis <input type="checkbox"/> Collection (Exper.) <input type="checkbox"/> Conclusion	<input type="checkbox"/> Title Page <input type="checkbox"/> Purpose <input type="checkbox"/> Acknowledgments <input type="checkbox"/> Table of Contents <input type="checkbox"/> Problem <input type="checkbox"/> Prelim. Research <input type="checkbox"/> Hypothesis <input type="checkbox"/> Experiment Materials Procedures Data Results <input type="checkbox"/> Conclusions <input type="checkbox"/> Sources / Biblio.	<input type="checkbox"/> Title Page <input type="checkbox"/> Purpose <input type="checkbox"/> Acknowledgments <input type="checkbox"/> Table of Contents <input type="checkbox"/> Env'l Problem <input type="checkbox"/> Prelim. Research <input type="checkbox"/> Innovative Idea <input type="checkbox"/> Action Plan <input type="checkbox"/> Obstacles <input type="checkbox"/> Reflection <input type="checkbox"/> Sources / Biblio.	<input type="checkbox"/> Title Page <input type="checkbox"/> Purpose <input type="checkbox"/> Acknowledgments <input type="checkbox"/> Table of Contents <input type="checkbox"/> Problem <input type="checkbox"/> Research <input type="checkbox"/> Possible Solutions <input type="checkbox"/> Plan & Create Draft Plan Materials Build Obstacles <input type="checkbox"/> Test & Improve Test Improve Re-test <input type="checkbox"/> Conclusion & App's <input type="checkbox"/> Sources / Biblio.	<input type="checkbox"/> Title Page <input type="checkbox"/> Purpose/Acknowl's <input type="checkbox"/> Product Research <input type="checkbox"/> Device Details <input type="checkbox"/> Part/Subassembly <input type="checkbox"/> Materials & Cnxns <input type="checkbox"/> Professionals <input type="checkbox"/> Reflection/Principles <input type="checkbox"/> Sources / Biblio.	<input type="checkbox"/> Title Page <input type="checkbox"/> Purpose <input type="checkbox"/> Acknowledgments <input type="checkbox"/> Table of Contents <input type="checkbox"/> Problem <input type="checkbox"/> Hypothesis <input type="checkbox"/> Research <input type="checkbox"/> Conclusions <input type="checkbox"/> Reflection/App's <input type="checkbox"/> Sources / Biblio.

Experimentation 6-12	Env'l Innovation 6-12	Eng'd Invention 6-12	Rev. Engineering 6-8	Rube Goldberg 6-8	Career Shadow 6-8	Scientific Survey 7 only
<input type="checkbox"/> Abstract <input type="checkbox"/> Title Page <input type="checkbox"/> Purpose <input type="checkbox"/> Acknowledgements <input type="checkbox"/> Table of Contents <input type="checkbox"/> Problem <input type="checkbox"/> Prelim. Research <input type="checkbox"/> Hypothesis <input type="checkbox"/> Experiment Materials Procedures Ob's & Data Results <input type="checkbox"/> Conclusions <input type="checkbox"/> App's Reflections <input type="checkbox"/> Sources/Biblio.	<input type="checkbox"/> Abstract <input type="checkbox"/> Title Page <input type="checkbox"/> Purpose <input type="checkbox"/> Acknowledgements <input type="checkbox"/> Table of Contents <input type="checkbox"/> Env'l Problem <input type="checkbox"/> Prelim. Research <input type="checkbox"/> Innovative Idea <input type="checkbox"/> Action Plan Mat's/Resources Proc./ Timeline Action <input type="checkbox"/> Cost/Benefit <input type="checkbox"/> Reflections <input type="checkbox"/> Sources/Biblio.	<input type="checkbox"/> Title Page <input type="checkbox"/> Purpose <input type="checkbox"/> Acknowledgements <input type="checkbox"/> Table of Contents <input type="checkbox"/> Problem <input type="checkbox"/> Research <input type="checkbox"/> Possible Solutions <input type="checkbox"/> Plan & Create Draft Plan Materials Build Obstacles <input type="checkbox"/> Test & Improve Test Improve Re-test <input type="checkbox"/> Concl's & App's <input type="checkbox"/> Science Concepts <input type="checkbox"/> Sources/Biblio.	<input type="checkbox"/> Title Page <input type="checkbox"/> Purpose & Ack's <input type="checkbox"/> Table of Contents <input type="checkbox"/> Product Research <input type="checkbox"/> Device Details <input type="checkbox"/> Part/Subassembly <input type="checkbox"/> Mat's & Cnxns <input type="checkbox"/> Professionals <input type="checkbox"/> Reflection & Prin's <input type="checkbox"/> Sources/Biblio.	<input type="checkbox"/> Abstract <input type="checkbox"/> Title Page <input type="checkbox"/> Purpose <input type="checkbox"/> Acknowledgements <input type="checkbox"/> Table of Contents <input type="checkbox"/> Task <input type="checkbox"/> Research / Biblio. <input type="checkbox"/> Prelim. Design <input type="checkbox"/> Obstacles <input type="checkbox"/> Final Design & Key <input type="checkbox"/> Reflection	<input type="checkbox"/> Abstract <input type="checkbox"/> Title Page <input type="checkbox"/> Purpose <input type="checkbox"/> Acknowledgements <input type="checkbox"/> Table of Contents <input type="checkbox"/> Letter to Mentor <input type="checkbox"/> Res./Sources/Biblio <input type="checkbox"/> Log <input type="checkbox"/> Interview <input type="checkbox"/> Photo Journal <input type="checkbox"/> Reflection <input type="checkbox"/> Scrapbook/Display	<input type="checkbox"/> Abstract <input type="checkbox"/> Title Page <input type="checkbox"/> Purpose <input type="checkbox"/> Acknowledgements <input type="checkbox"/> Table of Contents <input type="checkbox"/> Problem <input type="checkbox"/> Prelim. Research <input type="checkbox"/> Hypothesis <input type="checkbox"/> Experiment Materials Procedures Ob's & Data Results <input type="checkbox"/> Conclusions <input type="checkbox"/> App's Reflections <input type="checkbox"/> Sources/Biblio.