**Jessie Beck Elementary School Science Fair Entry Form**

Name of participant(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent Contact email(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Grade: \_\_\_\_\_\_\_\_\_\_ Teacher(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Title of your project: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Type of Entry: \_\_\_\_\_ Individual \_\_\_\_\_ Group (no more than 2) \_\_\_\_\_ Class

Category: \_\_\_\_\_\_Scientific Method \_\_\_\_\_ Invention \_\_\_\_\_ Demonstration

 Scientific Method – Scientific Method projects MUST investigate a question that can be answered by conducting an **experiment**. The best experiments evaluate one variable and the results of different tests are compared to one another.

 Invention – Creativity and ingenuity are required. Invention projects will be considered based on the originality of the idea. Fifth and sixth grade inventions MUST complete a patent search before beginning.

 Demonstration – Demonstration projects will demonstrate “how something works”.

Does your project involve humans or animals? \_\_\_\_\_\_YES \_\_\_\_\_\_NO

 *If YES, project must be approved by Local Scientific Review Committee (LSRC) BEFORE beginning your project. Also, if approved, Consent forms from each participant in your study are* ***mandatory*** *and must be attached and turned in by the due date. See PFA website for forms* [*www.jessiebeckpfa.com*](http://www.jessiebeckpfa.com)

**On the back of this form, please explain your project in detail**

Explanation of your project should include the following (based on project category):

 Scientific Method – Title, question, hypothesis, materials, procedure.

 Invention – Explain the invention idea, what it will be used for, include research information obtained on the originality of the idea.

 Demonstration – Question to be explored, include research information obtained.

NOTE: Scientists write notes! It is strongly recommended, and may be required by your teacher, that you keep a notebook detailing your experiment which may include: for Scientific Method – Question, Hypothesis, Materials, Procedure, research information on the question, Bibliography, Data, Graphs, Results, and Conclusion; for Inventions – Design drawing, Research as to whether the invention already exists or why yours may be better, Materials required, how your successes and failures of testing the projects went; and for Demonstrations – notes on how the demonstration went, what you learned, research about the project, etc. **Notebooks are to be turned in with your Science Fair Display Board.**

**Jessie Beck Science Fair Entry Form, Explanation of Project** gr\_\_\_\_type: SM In D

**Title of Project:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**SCIENTIFIC METHOD:**

 QUESTION - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 HYPOTHESIS (my best guess) - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 MATERIALS - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 PROCEDURE (what are you going to do?) - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**INVENTION:**

 DESCRIBE INVENTION IDEA - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 USEFULNESS - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 ORIGINALITY - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**DEMONSTRATION:**

 QUESTION TO BE EXPLORED - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 WHAT ARE YOU GOING TO DO? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 RESEARCH OBTAINED - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

LSRC Form attached if using human or animals? \_\_\_\_\_\_YES \_\_\_\_\_NO \_\_\_\_\_N/A

Consent Forms attached as required if there is an LSRC Form? \_\_\_\_\_YES \_\_\_\_\_NO \_\_\_\_\_N/A

 *(Once LSRC Form is approved, it is MANDATORY that each human or animal have a signed permission slip).*

Teacher Approved: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_