Date

Dear Parents,

As part of (School Name) STEAM Program (Science, Technology, Engineering, Art, and Math), your child has chosen to participate in the school’s (#) annual Inventors Fair! The process begins with identifying a problem that the student believes he/she can solve by inventing an object or system. All ideas and documentation of the process for inventing are to be kept in an Inventor’s Log. This log is a requirement and has been provided to your child. The log should contain all of your child’s work- from brainstorming problems to completion of a display and building a prototype (model).

**Project Timeline Grades 4-12**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Due Date** | **Parent Signature** | **Teacher Signature** |
| \*\*Recognizing Problems and Selecting One p.3 |  |  |  |
| Searching for Clues p.4 |  |  |  |
| Summary p.5 |  |  |  |
| Originality, Safety and Liability p.6-7 |  |  |  |
| Invention Illustration p.8 |  |  |  |
| Prototype Notice and Building Costs p.9-10 |  |  |  |
| Building the Prototype p.10 |  |  |  |
| Invention Presentation p.11Business Plan p.10 (optional) |  |  |  |
| \*\*Signature Page p.13 |  |  |  |
| Oral Presentation (practiced and ready) |  |  |  |

**Parent Signature**

**I have read the requirements and due dates for this project. My child has my permission and support in completing this project on time. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

If there are any questions, please contact (name) at (school phone #) or

 (Email address).

\*\*Teacher’s Signature Required in Log Book

 Date

Dear Parents,

As part of (School Name) STEAM Program (Science, Technology, Engineering, Art, and Math), your child has chosen to participate in the school’s (#) annual Inventors Fair! The process begins with identifying a problem that the student believes he/she can solve by inventing an object or system. All ideas and documentation of the process for inventing are to be kept in an Inventor’s Log. This log is a requirement and has been provided to your child. The log should contain all of your child’s work- from brainstorming problems to completion of a display and building a prototype (model).

**Project Timeline Grades K-3**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Due Date** | **Parent Signature** | **Teacher Signature** |
| Brainstorming Problems and Possible SolutionsPages 4, 5, and 6 |  |  |  |
| \*\*Big Decision and Research Page 7-8 |  |  |  |
| Making My Invention Page 9-10 |  |  |  |
| Drawing of Invention Page 11 |  |  |  |
| Materials, Cost, and Final ThoughtsPage 12 |  |  |  |
| \*\*Originality Promise and Signature Page 13-14 |  |  |  |
| Presentation Board |  |  |  |
| Oral Presentation (practiced and ready, as instructed by the teacher) |  |  |  |

**Parent Signature**

**I have read the requirements and due dates for this project. My child has my permission and support in completing this project on time. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

If there are any questions, please contact (name) at (school phone #) or

 (Email address).

\*\*Teacher’s Signature Required in Log Book