



NORTHERN ILLINOIS REGIONAL SCIENCE FAIR

Saturday February 25, 2017

Creekwood Baptist Church, Rockford, IL

Registration Deadline: February 12, 2017

FAMILY PAGE INFORMATION (1 per family)

PARENTS' NAME(S): \_\_\_\_\_

STUDENT'S NAME(S):

1. \_\_\_\_\_ M/F: \_\_\_\_\_ Age: \_\_\_\_\_ Grade: \_\_\_\_\_

2. \_\_\_\_\_ M/F: \_\_\_\_\_ Age: \_\_\_\_\_ Grade: \_\_\_\_\_

3. \_\_\_\_\_ M/F: \_\_\_\_\_ Age: \_\_\_\_\_ Grade: \_\_\_\_\_

4. \_\_\_\_\_ M/F: \_\_\_\_\_ Age: \_\_\_\_\_ Grade: \_\_\_\_\_

(please add any additional students to the back or on a separate piece of paper)

MAILING ADDRESS:

Street \_\_\_\_\_

City & State \_\_\_\_\_ Zip \_\_\_\_\_

EMAIL ADDRESS: (PLEASE INCLUDE YOUR EMAIL TO VERIFY REGISTRATION.)

Please print clearly. All correspondence will be sent via email.

\_\_\_\_\_

TELEPHONE NUMBER(S):

\_\_\_\_\_

FEES: (No refunds)

Number of students \_\_\_\_\_ X \$20.00 = \_\_\_\_\_

NIRSF Science Fair Syllabus \$5.00\* = \_\_\_\_\_

TOTAL: (Checks made payable to NIRSF) = \_\_\_\_\_

|                                                                                      |
|--------------------------------------------------------------------------------------|
| <b>Mail to:</b>                                                                      |
| NIRSF                                                                                |
| ATTN: Dawn Boyer                                                                     |
| 6635 E River Rd                                                                      |
| Ridott, IL 61067                                                                     |
| <b>Contact Information:</b>                                                          |
| Dawn Boyer                                                                           |
| <a href="mailto:llregionalsciencefair@gmail.com">llregionalsciencefair@gmail.com</a> |

\*Syllabus will be emailed to you. You may print it out and use it to plan and prepare for the science fair. You may print out more than one for your families use, however, please do not share it with others. There is no requirement to purchase the syllabus, it is meant to be an additional help for you and your student as you prepare for the science fair.

A confirmation email will be sent by email no later than April 11th, 2014. The week of the fair, you will receive a follow-up email with additional directions.

Participation in the NIRSF constitutes your agreement to hold NIRSF, The Rockford Radisson (or alternate facility), or any of their affiliates, sponsors, or representatives harmless and free of any and all liability for damage, injury, or loss of/to property or person. You also agree that you have read and understood all rules and will follow them accordingly.

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(The application cannot be processed without a signature & date.)

NIRSF would like to promote the fair and the hard work of the participants by sharing the all the great ideas and projects. In an effort to do this, photos and sometimes the use of social media are the best means of publication. If names are used, only first names will be utilized. Please indicate your consent for us to use pictures taken of your student(s) and of your family in our group settings. Should you decline, we will only use pictures of the exhibit and for our group settings, we will blot out your faces, which takes a great deal of volunteer time and takes away from the effect of the picture, so please consider assisting us in getting the word out with your consent.

# PHOTO / VIDEO RELEASE FORM

Please circle. **NOTE:** If not circled and this section is signed, it is understood to imply YES.

YES, I do or NO, I do not hereby give permission for images of my child(ren) registered as an exhibitor(s) and of my family, captured during participation in the Northern Illinois Regional Science Fair (NIRSF) through video, photo, and digital camera, to be used solely for the purposes of NIRSF promotional material and publications, and waive any rights of compensation or ownership thereto.

**Name of Participant(s) (please print):**

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**Name of Parent/Guardian (please print):**

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**Parent/Guardian's Signature:**

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**Date:**

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# EXHIBITOR REGISTRATION

(1 per student)

LAST NAME: \_\_\_\_\_ FIRST NAME: \_\_\_\_\_

M / F: \_\_\_\_\_ AGE: \_\_\_\_\_ GRADE: \_\_\_\_\_

**\*\* NOTE: A written report and journal is required for 7<sup>th</sup> - 12<sup>th</sup> grades.**

**\*\*A** Written report and journal are optional for 4<sup>th</sup>-6<sup>th</sup> grades. Students will receive points for the addition of a journal and report for students in the 4<sup>th</sup>-6<sup>th</sup> grade age bracket.

**If you have a 4<sup>th</sup>-6<sup>th</sup> grader, please check the following:**

**Yes \_\_\_\_\_ No \_\_\_\_\_**

(This allows the judges to know what to expect when judging each exhibit)

**TITLE OF PROJECT:** \_\_\_\_\_

**Important:** This is used in the program and for the placard we put on your exhibit table.

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#### FOUR CLASSIFICATIONS OF PROJECTS:

1. **COLLECTION** – A collection of science related items, which are categorized and labeled correctly. (ie. rocks, butterflies)
2. **MODEL** – Non-experimental project that is a representation of what something is realistically like. Must relate to science. (ie. an ear, a rocket)
3. **DEMONSTRATION** – Non-experimental project that demonstrates a scientific principle or how something works. Must relate to science. (ie. working heart model, working volcano)
4. **EXPERIMENT** – Follows the scientific method while answering a question using a hypothesis as the basis for your experiment.
  - a. **PHYSICAL** – An experiment related to/with *non-living* things.
  - b. **BIOLOGICAL** – An experiment related to/with *living* things.

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**CLASSIFICATION OF PROJECT:** \_\_\_\_\_

(Based on above information.)

#### BRIEF EXPLANATION OF WHAT WILL BE DONE:

**1. OBJECTIVE:** \_\_\_\_\_

**2. OVERVIEW OF PROCEDURE:** \_\_\_\_\_

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

Please review all rules to make sure your exhibit complies with NIRSF guidelines.

# NORTHERN ILLINOIS REGIONAL SCIENCE FAIR

## ***Suggested Time Schedule for a Project***

The schedule below is a suggested scenario for completing your project on a timely basis. Please feel free to increase the amount of time spent in each area as needed. It is important to have short-term goals in order to achieve your best on your project.

*May God greatly bless your efforts.*

| <u>TASK TO BE COMPLETED</u>                                                                                   | <u>DUE DATE</u>       |
|---------------------------------------------------------------------------------------------------------------|-----------------------|
| 1) Choose Project Topic _____                                                                                 | _____                 |
| 2) Research<br>_____<br>_____                                                                                 | <u>2 weeks</u>        |
| 3) Prepare Project<br>_____<br>_____<br>_____<br>_____                                                        | <u>* 2 weeks</u>      |
| <i>* You must start sooner if you know your project will take longer than 2 weeks. (i.e. growing plants).</i> |                       |
| 4) Write report<br>_____<br>_____                                                                             | <u>1 week</u>         |
| 5) Make Visual Aids<br>_____<br>_____                                                                         | <u>** 1 week</u>      |
| <i>** Work on this while preparing your report.</i>                                                           |                       |
| 6) Make Display<br>_____<br>_____                                                                             | <u>*** 1 week</u>     |
| <i>*** Work on this while preparing your report and visual aids.</i>                                          |                       |
| 7) Science Fair<br>_____<br>_____                                                                             | <u>April 23, 2016</u> |



## NORTHERN ILLINOIS REGIONAL SCIENCE FAIR RULES

**We truly want student's projects prepared from their desire to learn and to convey what they have discovered about God's creation through their investigations and research.**

We are not looking for the student, who can dazzle the judges with pizzazz, or the best computer generated or "boardroom ready" exhibit. We ARE looking for learning and knowledge gained through truly applying oneself, and for students that have done their best handiwork, and projects with the appearance that a student prepared them.

Our goal is for each student to truly gain new insight into the world God has created.

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1. Each project must be related to an area of science. Unacceptable example: Surveying neighbors' choices of laundry detergent. No science is involved. Acceptable experiment project: "*Which laundry detergent removes grease best?*"
2. Each project will be classified by grade level and then into one of the following categories:
  - ◆ **Collection** - Collections examples: rocks, shells, or butterflies. The collection must be scientifically oriented, contain a sufficient number, and show what you have learned through the process of collecting and categorizing.
  - ◆ **Model** – A representation of what something is realistically like. Such as a model of an ear, rocket, or life cycle.
  - ◆ **Demonstration** – A *working* model of things such as volcanoes, robots, or electrical devices.
  - ◆ **Physical Science Experiment** - Experiments in areas such as astronomy, chemistry, geology, or earth science.
  - ◆ **Biological Science Experiment** - Experiments in areas such as botany, bacteriology, anatomy, or genetics.
3. A contestant may enter one exhibit only. Teachers and parents may advise, but must not build any part of the exhibit or write *any* of the report\*. K – 3rd *may* require a parent to write or type captions on their display boards, but the student should help in the wording. Please use discretion. K – 3rd must perform all other work on the display board themselves, as well as the exhibit.
4. Projects must be freestanding and should measure 36 x 48 inches. *There are 3-sided prefab boards available at most office supply stores which are sufficient. Some of the presentation boards measure 35.5 x 46, which is acceptable.*
6. Electrical power strips and cords needed for exhibits *must be approved* by **NIRSF**. Once approved, the exhibitor will be responsible for bringing all necessary equipment and for safety, will be required to use duct tape to secure it.
7. The following are **prohibited**: dangerous chemicals, open flames, explosives, or animal experiments that involve starvation or any form of cruelty. **NIRSF** reserves the right to refuse display of an exhibit that is deemed inappropriate. PLEASE be sure to include any information regarding special materials on the registration form and/or contact us by email with questions. [ilregionalsciencefair@gmail.com](mailto:ilregionalsciencefair@gmail.com)
8. **Call us for details on approval for animal experimentation.** We will not allow animals to be brought into the science fair, however, you may take videos and pictures of the animals to add to your display.
9. NIRSF, its representatives and sponsors, and the fair location, its representatives and affiliates, assume no responsibility for loss or damage to any person, exhibit, or any part thereof.
10. All exhibitors must submit a display (board and exhibit of work done), a written report\*, and a journal\*.
11. The title and headings can be handwritten, stenciled or typed. Labeling, captions, and explanations may be typed or handwritten. **Journals\* must be handwritten.** (The journal is a *log* or a diary of a student's progress on their project. Use a journal or spiral notebook.) Reports\* written by 7<sup>th</sup> ↑ must

be typed, but 6<sup>th</sup> ↓ can chose to type or hand write it. Typed material should use fonts that are easily read. No Clip Art within body of text.

12. Report\* must contain: Title; Table of contents; Introduction (including why picked, research, and hypothesis or what hope to learn); Details on project (includes how being done, what happened, and final outcome of experiment, model, demonstration, or collection); Discussion (vocabulary page if needed, followed by discussion of the results – tie research with what happened); Conclusion (what learned); References. **NOTE: 9<sup>th</sup> – 12<sup>th</sup> grade students will be required to include a 1-page abstract following their table of contents.**

13. **ALL DECISIONS MADE BY THE JUDGES ARE FINAL.**

14. Failure to follow these rules will result in point deductions and possible disqualification.
15. **NIRSF** reserves the right to amend these rules or make additional binding rulings as events warrant.
16. Due to lack of interest the team division has be terminated for this fair. We will consider bringing it back in the future if there is considerable interest.

**\*A report & a journal (a daily progress diary of project) are required for 7th ↑, and are optional for 4<sup>th</sup>-6<sup>th</sup>, however, students will receive points for any reports or journals which are included with the project. No points will be deducted from any student who submits a project w/o this additional information.**