

**Twenty First Annual**  
**BRIMHALL STUDENT ACHIEVEMENT FAIR**

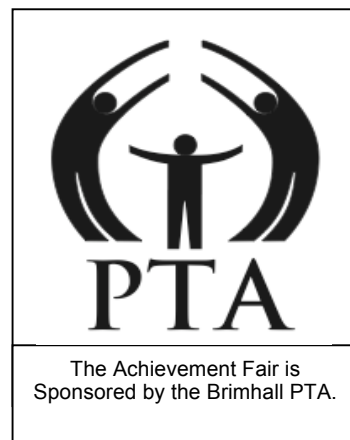
**TUESDAY, JANUARY 24, 2012**  
**6:00 – 7:00 P.M.**

**Goals of the Achievement Fair**

- ◆ To encourage pursuit of an academic interest
- ◆ To promote academic achievement
- ◆ To involve parents in their children's education
- ◆ To share exciting discoveries with the Brimhall community

**It's simple! Here's what you'll do:**

1. With the help of your parents or other adults, choose a topic (see sample project ideas on pages 3 & 4). Remember that the Achievement Fair does not include performances.
2. Fill out the entry form and return it to Mrs. Kaphing **by December 16, 2011.** You may enter as an individual, or as a member of a two-person team (larger teams may not enter). If you enter as a team, both partners must fill out a form that includes each other's name and grade.
3. Develop your project at home and bring it to the Fair! Be sure that your display meets the requirements listed on the next pages.
4. Do not include anything of great monetary value in your display, since security is not guaranteed.
5. Set up your project January 24 between 8:45 a.m. to 9:30 a.m.
6. During the Fair, stand by your project so that you can share what you have learned with Fair attendees.
7. If you have any questions, contact Mrs. Kaphing at Brimhall). At 651/638-1958 or [diane.kaphing@isd623.org](mailto:diane.kaphing@isd623.org)



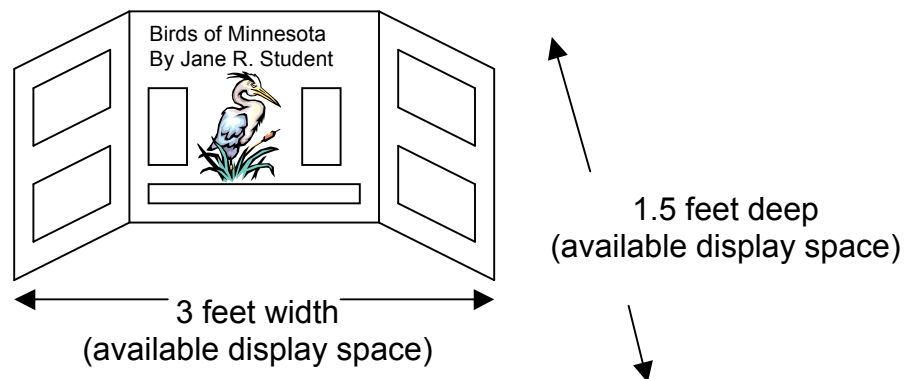
The Achievement Fair is  
Sponsored by the Brimhall PTA.

## ACHIEVEMENT FAIR TIMELINE

1. **December 1 . Choose a topic.** Decide what you want to learn about, what problem you want to solve or what question you want to answer. Then decide what resources you can use to find more information on your topic, and develop a title.
2. **December 5 : Become an expert on your topic!** Read, write, paint, invent, create, make outlines, or plan an experiment. Gather materials from several sources, and discuss them with other people.
3. **December 16: Have turned in your registration form to Mrs. Kaphing.**
4. **December 19 . Begin your project.** Use the ideas you gathered, organize them, and start your work. Don't start to put together the final product until you've organized everything in a way that satisfies you. **Organize your results and draw conclusions.** Decide how you will present your achievement so that others can learn about it.
5. **January 9. Build your display.** Be sure to follow the guidelines below.
6. **January 16 . Put the final touches on your project, and plan what you will say** to your interviewer and other viewers. You should be prepared to explain why you were interested in this topic, what you did, what you learned, and what else you'd like to learn about the topic.
7. **January 24 . Set up your project and enjoy your achievement!** Set up is between 8:45 – 9:30 a.m. on January 24. You should plan to be at the Achievement Fair from 6:00 to 7:00 p.m. on January 24.

## DISPLAY REQUIREMENTS

1. Your project should be neat and attractive, and show off your achievement.
2. All projects need to be freestanding. You can buy inexpensive display boards at office supply stores (Office Max, Office Depot). Please see Mrs. Kaphing if it is a difficulty to obtain a display board or make a board that will stand by itself with supports. The space for your project will be about **3 feet wide and 1.5 feet deep**. The display board size available for purchase are typically, folded: 36" tall x 48" wide.
3. Your project should not include anything that requires an electrical source.
4. If your project does not meet the above requirements, talk to Mrs. Kaphing. A few exceptions can be granted, but they **MUST** be pre-approved.



## SAFETY RULES

1. Your project MAY NOT contain food for Achievement Fair visitors to consume.
2. Experiments using animals or humans should cause no harm or stress. No vertebrate animals may be used in your display. However, you may do a project on vertebrate animals.
3. No human body parts should be displayed. Projects using bacterial cultures are not allowed.
4. No controlled substances may be exhibited (alcohol, tobacco or drugs).
5. No dangerous or combustible materials may be displayed. Any chemicals must be clearly labeled. No open flames are permitted.
6. No fragile or expensive items should be displayed. Valuable items should be photographed or simulated.
7. If you have questions about safety rules, contact a member of the Fair Committee.



## SAMPLE PROJECT IDEAS TO GET YOU STARTED

There are many types of projects that you can do. You can answer a question, learn all you can about a specific topic, make observations of natural events, demonstrate how something works, do an experiment, or create something. The most important thing is to choose something that REALLY interests you. You should also be quite specific. For example, instead of choosing the topic CATS, it would be better to do something like HOW MUCH FOOD DOES A CAT EAT IN ONE DAY? or HOW LONG HAVE HUMANS KEPT CATS AS PETS?

### **Observations**

- ◆ Birds at my feeder
- ◆ Gravity
- ◆ Phases of the moon
- ◆ Rocks and minerals in Roseville
- ◆ Local wildlife
- ◆ How do insects change?
- ◆ What's inside a radio?
- ◆ Objects that block light
- ◆ Things that float
- ◆ Local wild flowers
- ◆ Animal tracks
- ◆ Parts of a flower
- ◆ How do you read weather maps?
- ◆ How much does the temperature change in February?
- ◆ What kinds of clouds are there?
- ◆ February and March constellations
- ◆ Which cereals are higher in fiber?
- ◆ What is the range of heights among Brimhall 5<sup>th</sup> graders?
- ◆ What authors are most popular among Brimhall 4<sup>th</sup> graders?

### ***Models and Demonstrations***

- ◆ How does a bicycle work?
  - ◆ Open and closed circuits
  - ◆ How did the continents form?
  - ◆ How does a motor work?
  - ◆ How does a pulley work?
  - ◆ How do thermometers work?
  - ◆ What is friction?
  - ◆ Optical illusions
  - ◆ Why does the wind blow?
  - ◆ How did Picasso paint his pictures?
  - ◆ What's inside the earth?
  - ◆ What is on the sea floor?
  - ◆ How does a human ear work?
  - ◆ How can food be preserved?
  - ◆ Why do suspension bridges stay up?
  - ◆ How should you brush your teeth?
  - ◆ How do braces on your teeth work?
  - ◆ How is a book made?
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### ***Creations***

- ◆ Invent a better way to do something
- ◆ Invent a game
- ◆ Write and illustrate poems
- ◆ Write and illustrate a story
- ◆ Make several paintings with a theme
- ◆ Make a sculpture and explain how you did it
- ◆ Write a cartoon
- ◆ Make up a new recipe
- ◆ Describe a person from another galaxy
- ◆ Write a collection of short stories
- ◆ Weave a tapestry or wall hanging
- ◆ Write an interview with your favorite artist or author



- ◆ Make several pencil or pen and ink drawings
  - ◆ Design a city of the future
  - ◆ Design a school of the future
- 

### ***Experiments***

- ◆ What materials dissolve in water?
- ◆ Do plants give off water?
- ◆ How does temperature affect plant growth?
- ◆ How far does a mealworm travel in a minute?
- ◆ What food does a gerbil prefer?
- ◆ What age group has the best memory?
- ◆ Do boys or girls have better memories?
- ◆ Can people identify M and M colors by taste?
- ◆ Do insect larvae grow better at hot or cold temperatures?
- ◆ In a right-handed person, which leg is stronger?
- ◆ Do heavy objects fall faster than lighter objects?
- ◆ Which freezes faster, water or milk?
- ◆ What material is the best insulator?
- ◆ Can I make a rock float?
- ◆ Can I make an ice cube sink?
- ◆ How many numbers can people remember?
- ◆ Can my cat find food by smell?
- ◆ Can my cat remember thing

**BRIMHALL ELEMENTARY  
ACHIEVEMENT FAIR REGISTRATION FORM**

Name (print full name): \_\_\_\_\_ Grade/Teacher: \_\_\_\_\_

Project Title: \_\_\_\_\_

Brief Description of Project:

If you are going to work with a partner, indicate here (maximum of two (2) students on a project):

Partner's  
Name(print) \_\_\_\_\_ Grade/Teacher \_\_\_\_\_

**Parent/Guardians please print name below: \_\_\_\_\_ has permission to participate in the achievement fair (parent/guardian must attend the Achievement Fair with their child - Tuesday, January 24 6:00 - 7:00 p.m.)**

Name of Parent/Guardian (print): \_\_\_\_\_

**Parents/Guardians: We need your help. Please indicate below and return.**

\_\_\_\_\_ Help set up projects Tuesday, January 24 between 8:45-9:30 A.M.

\_\_\_\_\_ Help supervise the fair Tuesday, January 24 6:00 - 7:00 P.M.

\_\_\_\_\_ Interview children about projects (guide sheet will be provided) January 24  
6:00 - 6:45 P.M.

Volunteer Name: \_\_\_\_\_ E-mail: \_\_\_\_\_

If you have any questions, please contact Diane Kaphing at 638-1958 or [diane.kaphing@isd623.org](mailto:diane.kaphing@isd623.org)

**Please return this form to Mrs. Kaphing by December 16, 2011, registrations will not be accepted after this date unless a later date has been mutually agreed upon.**

(office use only)
Date received: _____
Display: <input type="checkbox"/>
Volunteer: <input type="checkbox"/>
Program: <input type="checkbox"/>
Confirmation: <input type="checkbox"/>

# CREATE AN ACHIEVEMENT FAIR LOGO OR SLOGAN

See your creativity in print! We need your help in promoting the 2012 Brimhall Achievement Fair. You may create a logo or a slogan, or both!..

**Please turn in your ideas to Mrs. Kaphing by January 6, 2012.**

**Name** \_\_\_\_\_ **Grade** \_\_\_\_\_

## **LOGO**

A logo is a symbol or trademark for something. You see logos every day on cereal boxes, cars, computers, books and many other things. Logos are symbols that provide information about the group, event, product or company they represent.

Think about the Brimhall Achievement Fair, and design a logo to represent it. Your logo can be any shape, but it should be about the size of the space below. It can be in color, or black and white. Be sure to make all lines and colors dark enough so that they show well. Your logo will be scanned and made into a computer file, so we cannot use light or smudged drawings. You should practice by drawing a few samples first. You may use a computer to create your logo, but do not use any clip art. You can use a separate sheet of paper to draw your logo, but be sure to put your name on the paper.

## **SLOGAN**

A slogan is a catchy phrase used in advertising or promotion. Slogans give information about a group, event, project or company, and are usually short. Examples of slogans are "Go for it" (Nike shoes) and "It's the real thing" (Coke).

Write a slogan for the Brimhall Achievement Fair. Your slogan should be no more than ten words long.

**My slogan idea is** \_\_\_\_\_