

# Exhibit Team Application

# ExploratoRio2008

Exhibit Title \_\_\_\_\_ Application Date \_\_\_\_\_ Show Date \_\_\_\_\_

Exhibitor 1 Name \_\_\_\_\_ Physics Period: \_\_\_\_\_ Fr So Jr Sr Baird Jeffries

E-mail Address \_\_\_\_\_ Period Teacher\* \_\_\_\_\_ Rm \_\_\_\_\_

Exhibitor 2 Name \_\_\_\_\_ Physics Period: \_\_\_\_\_ Fr So Jr Sr Baird Jeffries

E-mail Address \_\_\_\_\_ Period Teacher\* \_\_\_\_\_ Rm \_\_\_\_\_

\*If your physics teacher is Mr. Baird, write your 5th period teacher; if your physics teacher is Mrs. Jeffries, write your 2nd period teacher.

## TIME OBLIGATIONS

**Exhibit teams are required to commit the following times to ExploratoRio activities.**

*Exhibit Set-Up:* Between 5:00pm and 6:00pm Tuesday, April 8, 2008

*ExploratoRio Daytime:* 7:50am-1:00pm

Wednesday, April 9, 2008

*ExploratoRio Evening:* 6:45pm-9:30pm

Wednesday, April 9, 2008

***Do not apply to be an exhibitor team if your team cannot meet the time obligations.***

## EXHIBIT SELECTION PROCESS

Many exhibit recipes are displayed in the classroom. You may apply for one of these or develop a different exhibit. Record student names and exhibit name on the back of this form. The amount of credit possible varies based on the difficulty of the exhibit. Point maxima will be posted *after* the exhibit selection and assignment process has been completed. (Select exhibits based on your interest, not on potential credit values.) A student with a citizenship grade lower than a "B" may not be an exhibitor.

## RESPONSIBILITIES OF EXHIBITORS

**1. Research and Explanation.** Upon approval as an exhibitor team and assignment of an exhibit, you will be expected to research the principles underlying your exhibit. You will be expected to develop instructions for your exhibit and submit a written copy of them to the instructor. You must also write a "PhyzGuide"-quality handout describing how your exhibit works (including a clear, labeled diagram), the fundamental principles it illustrates, and applications of those principles in the real world. A hard copy of your handout is due in class on the day before ExploratoRio.

**2. Construction.** You must build the exhibit on your own. You must find and purchase all materials for your exhibit (unless otherwise indicated by the instructor).

## IMPORTANT CONSTRUCTION NOTE: You

**must show the instructor your working exhibit by the stated deadline (ask instructor). If you do not, the recipe must be offered to other potential exhibitors. Some exhibits use Rio apparatus and will have to be prepared in the classroom after school.**

**3. Exhibition.** You are expected to keep one person at your exhibit at all times during ExploratoRio Daytime and Evening Exhibitions. Stay with your exhibit; do not wander away from it. Do NOT conduct the demonstration of your exhibit; that's for the visitors to do. They DO it; you EXPLAIN it! *Show enthusiasm for your exhibit and the physics involved!* While supportive of and impressed by the other exhibits, you are "selling" your exhibit as being the coolest in the show: be friendly, be animated, etc. *Exhibitors must enjoy explaining their project to young children.*

During ExploratoRio, ExploratoRio is all you care about. Not chatting the day away with friends. Not chowing a burrito from 7pm-9pm. Not the Kings or anything else out in the world beyond B-8, B-11, and B-13. You are, in essence, a performer in performance.

Apply to be an exhibitor only if you are comfortable with having your picture taken during ExploratoRio and posted on the web (linked from [www.phyz.org](http://www.phyz.org)).

**4. Notes to the Future.** You are also expected to provide notes on your exhibit for future exhibitor teams: what works, what doesn't work, where to get stuff, what might be cool to try, extensions or alternate forms of the exhibit, etc. Your notes will replace any that you were given, so include the wisdom that previous exhibitors gave to you in your notes to future exhibitors. Notes to the Future are due in printed and electronic form the Tuesday after ExploratoRio.

**5. Maintenance and Clean-Up.** You need to bring extra materials, tools, spare parts, etc. to keep your exhibit running all day. You also need to clear your exhibit out at the close of ExploratoRio.

**EXHIBIT TITLE** \_\_\_\_\_  
**(Leave this blank until adoption)**

**TEACHER PERMISSIONS (Complete prior to application)**

On Open House Day (date shown on front), physics classrooms will be transformed into a miniature Exploratorium (hands-on science museum). The students named below are applying to be responsible for one exhibit and each is requesting the permission of his/her instructors to tend their exhibit during your shortened period on this minimum day. If you grant permission, the student assumes responsibility for material covered in your class.

EXHIBITOR 1 (print) \_\_\_\_\_ Physics Period \_\_\_\_\_ Class of 20 \_\_\_\_\_

Per.	Class	Teacher Name	Teacher Approval / Comments

EXHIBITOR 2 (print) \_\_\_\_\_ Physics Period \_\_\_\_\_ Class of 20 \_\_\_\_\_

Per.	Class	Teacher Name	Teacher Approval / Comments

WORKING EXHIBIT DUE \_\_\_\_\_

**INSTRUCTOR COMMENTS:**

CONSTRUCTION: \_\_\_ Correct the first time \_\_\_ Needed improvement \_\_\_ Improvements were made  
 Final Product Quality (Compared to previous years or teacher expectations): 10 9 8 7 6 5 4 3 2 1

DIFFICULTY: I II III IV

SET-UP: \_\_\_ On Time (Tuesday Night 5-6pm) / \_\_\_ No Show EVENING: \_\_\_ On Time (6:45) / \_\_\_ Late

EXHIBIT COVERAGE: 1 2 3 4 5 6 - Evening 7 8 9

SHOWMANSHIP: Cheerful, Enthusiastic, Visitor runs demo 5 4 3 2 1 Glum, Bored, Exhibitor runs demo

WRITE-UP: Clean, clear, includes labeled diagram 5 4 3 2 1 Sloppy, poorly written

NOTES TO THE FUTURE: