

# Appl i c a t i o n

## SUBMISSION:

The First Class Homeschooler's Science Fair application **Must be completed and returned by January 29, 2010**. Please include the required payment by check.

**Make checks payable to:** First Class Kitsap County (specify for science fair)

**Mailing address:** First Class Kitsap County P.O. Box 871 Silverdale, WA 98383

**During co-op hours:** You may Drop off at: Faith Fellowship Church

6251 NW Newberry Hill Rd Silverdale, WA 98383

## CONTACT:

Michelle McMillen and Renee Gerken are the main contacts for this event. Renee can be reached at 360.830.5765 or e-mail at [n.a.pickle@gmail.com](mailto:n.a.pickle@gmail.com) . Michelle at [mcmillenworld@yahoo.com](mailto:mcmillenworld@yahoo.com)

**Note:** All applications and monies are to be sent directly to **FIRST CLASS KITSAP COUNTY**, no exceptions. All checks are to be made payable to **FIRST CLASS KITSAP COUNTY**. Your application will not be accepted without the payment.

## TOPIC INFORMATION:

This packet is designed to get you started with a topic and preliminary work. The information requested is not very specific at this point, as you may want to shift focus later.

**Contact Renee Gerken with any category or topic changes at least one (1) month before the Science Fair.**

**Note:** If your child has participated in Science Fair in the past, please do not duplicate projects from one year to the next. Please encourage your child to explore new ideas each year.

## SCIENCE FAIR SCHEDULE

**Tentative Schedule of the Day:** Set-up is scheduled for 1:00-2:00pm on March 12<sup>th</sup>. Interviews will begin at approximately 2:15pm and you will be advised 3-4 weeks in advance of your interview time. Interviews should be completed around 4:00pm or so. Displays will be reopened at 6:00pm for your perusal pleasure. The awards ceremony will take place at approximately 6:30-7:00pm. (So as to accommodate all the dads and their work schedules, the awards ceremony **will not** be held before 6:00pm on the day of the Fair.)

#### **VOLUNTEERS:**

**Volunteers Opportunities:** (1) Helping set up tables before 1:00pm; (2) Checking in participants; (3) Coordinating lunch for the judges which will take place during the set-up time; (4) Keeping track of the interviews and having the next student ready for his/her interview; (5) Canvassing stores for prizes; (6) Coordinating light refreshments when the doors re-open at 6:00pm; and, (7) Clean-up after the awards ceremony which should be around 8:00pm.

**Contact Michelle at [mcmillenworld@yahoo.com](mailto:mcmillenworld@yahoo.com) if you're interested in helping out in any way.**

#### **SPECIAL REQUESTS:**

Depending on the Science Fair site, students may request floor space and/or electrical power as part of their exhibit application. This request **MUST** be made in writing at least one month before the Science Fair. If electrical power is used, UL-approved plugs and extension cords must be used. Students may use the electrical power for any approved application within their display. However, we will not supply extension cords, slide projectors, monitors, computers, video, audio, or other equipment for use in the display. Any equipment needs are the responsibility of the student exhibitors.

**All judges and coordination must be approved by the committee.**

# The Homeschooler's Science Fair Application

Must be postmarked no later than January 29<sup>th</sup>, 2010. Complete one (two pages) application per Project. Keep a copy for your records.

Student Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_ e-mail: \_\_\_\_\_

Date of Birth: \_\_\_\_\_ Expected grade level on March 2, 2010: \_\_\_\_\_

Number of previous Science Fairs in which the student has participated: \_\_\_\_\_

Parents Name(s): \_\_\_\_\_

Group Project?  Yes  No

1. Which type of project will you do? (Check one):  Collection  Demonstration  
 Research Experiment Project

2. What level? (Estimated)  Junior  Advanced

3. List three things you are going to try to find out about specific parts of the "Topic" above:

1.

2.

3.

4. What resources are you going to use to get started on your research?

Encyclopedia  Reference Books  Government Publications

Other Resources:

5. What biblical principle or scriptural reference is most applicable to this project?

**Consent Information**

1. What possible research procedures or risk may be involved in this project?

2. What procedures will be used to minimize the risk?

Adult sponsor (print):

(sign):

Phone:

To be completed by the student prior to experimentation:

**Δ** I have read and understand the conditions stated above, and I consent to participate in this research procedure. I realize that I am free to withdraw my consent and to withdraw from this activity at any time.

Student (print):

(sign):

Adult sponsor (print):

(sign):

Mail completed application and money by January 29,2010 to: First Class Kitsap County, P.O. Box 871, Silverdale, WA 98383. Make check payable to: First Class Kitsap County.

# Collection Project

(Complete this form and bring it with you to the Fair)

Step	Comment	Date Completed
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<b>Prepare and submit the Application</b>		
<b>Develop your Plan</b>	<b>Brainstorm about what you will collect, why it is a good collection type, where you are going to collect, and how you are going to collect. Find and read materials about your collection items.</b>	
<b>Document your collection activities</b>	<b>Use your Research Notebook to document where, when and how you collect your items. Be sure to get ALL the information you can about each item you collect.</b>	
<b>Research the items you collected</b>	<b>Return to your reference materials to correctly identify your items. How old are they? What is the exact name of the item: What is the history of the item?</b>	
<b>Care for your items</b>	<b>Clean, restore or preserve your items. Find the proper way to do this in your reference materials.</b>	
<b>Prepare your Display</b>		

**Display Checklist (R=Required Item; O=Optional Item)**

<b>Item</b>		<b>Junior Level</b>	<b>Advanced Level</b>
Title		R	R
Abstract		R	R
Procedure (Collection, care, etc.)		O	R
Clear labels &/or other documentation		R	R
Discussion		O	R
Report paper		O	R
Research Notebook		R	R

# Demonstration Project

(Complete this form and bring it with you to the Fair)

<b>Step</b>	<b>Comment</b>	<b>Date Completed</b>
<b>Prepare and submit the Application</b>		
<b>Develop your Plan</b>	<b>Brainstorm about what you will</b>	

	demonstrate, look at alternative ways of demonstrating it, get supplies, build equipment, consider safety aspects, decide what data you can collect. Don't forget to use your research notebook!	
Perform your Experiment	Practice the experiment or repeat it until it works properly, collect data on the experiment, vary the conditions of the experiment, optimize the effect, make careful observations.	
Analyze your results	Examine your data, plot the results or figure some way to look at all your data, evaluate the performance, estimate the errors.	
Discuss your results	List your conclusions, compare your experiment to other variations on the experiment, list the implications of your results and analysis, discuss why your results are important.	
Prepare your Display		

### Display Checklist (R=Required Item; O=Optional Item)

Item		Junior Level	Advanced Level
Title		R	R
Abstract		R	R
Procedure (Experimental method, variations, etc.)		O	R
Results (Charts, tables, graphs, photos)		R	R
Discussion		O	R
Conclusion		O	R
Report paper		O	R
Research Notebook		R	R

# Research Project

(Complete this form and bring it with you to the Fair)

Step	Comment	Date Completed
Prepare and submit the Application		
Write your Hypothesis	Take the time to write a testable, complete hypothesis.	
Develop your Plan	Brainstorm about ways to test your hypothesis, look at alternative ways of	

	<b>demonstrating it. Don't forget to use your research notebook!</b>	
<b>Perform your Experiment</b>	<b>Get supplies, build equipment, consider safety aspects, decide what data you can collect. Practice the experiment or repeat it until it works properly, collect data on the experiment, vary the conditions of the experiment, optimize the effect, make careful observations.</b>	
<b>Analyze your results</b>	<b>Examine your data, plot the results or figure some way to look at all your data, evaluate the performance, estimate the errors.</b>	
<b>Discuss your results</b>	<b>List your conclusions, list the implications of your results and analysis, discuss why your results are important. Is your hypothesis false?</b>	
<b>Prepare your Display</b>		

**Display Checklist: (R=Required Item; O=Optional Item)**

<b>Item</b>		<b>Junior Level</b>	<b>Advanced Level</b>
<b>Title</b>		<b>R</b>	<b>R</b>
<b>Abstract</b>		<b>R</b>	<b>R</b>
<b>Hypothesis</b>		<b>R</b>	<b>R</b>
<b>Procedure (Experimental method, variations, etc.)</b>		<b>O</b>	<b>R</b>
<b>R</b>		<b>R</b>	<b>R</b>
<b>Discussion</b>		<b>O</b>	<b>R</b>
<b>Conclusion</b>		<b>O</b>	<b>R</b>
<b>Report paper</b>		<b>O</b>	<b>R</b>
<b>Research Notebook</b>		<b>R</b>	