

FBCS Science Fair 2019: Checklist

Use this guide as a way to stay on track with your group and project.

Here are some tips, timelines and reminders you will need.

The science fair participation is mandatory and will be done outside of school. In class there will be some sessions to complete research, written work and the teacher will be checking in on progress of individuals and groups.

Categories:

1. Engineering- building a structure using mainly cardboard and recycled materials
 2. Demonstrations- show a scientific principle in operation
 3. Models- make a model of a scientific structure
 4. Experimental- a cause and effect experiment where there are independent, dependent and controlled variables.
 - > It must be written in the scientific method and mounted on posted board or bi-fold boards.
 - > Winning entries will be submitted in the Rotary Science Fair-April 27, 2019.
- If you are a group, you are still able to participate individually in another category.
 - If entering a demonstration a student can enter in multiple, since they are short.
 - No more than 4 people in a group

Grading:

- You will be graded on a rubric (attached)
- You will be graded individually

Due Dates:

FBCS Science Fair: Friday, April 12th

Rotary Science fair: Saturday, April 27th

Group Checklist

If you are working in a group, use this checklist as a guide.

To be completed . . .	Write out explanation	Check off when completed
Category: Engineering, Demonstration, Model or Scientific Process		
Title of Project		
Group members		
Who is responsible for written work? *Other categories do not require a write up, but recommended to have a description of model or demonstration.	Scientific Process should include a write up of these sections on display: Question Hypothesis Experiment Observe & Record Analyze Share Results	
Who is responsible for the materials?		
Who is responsible for research?		
Who is responsible for the display?		
List Materials needed		

To be completed . . .	Write out explanation	Check off when completed
<p>Timeline: 3 weeks till Science Fair.</p> <p>Use this timeline as a way to stay on track. Feel free to change!</p>	<p>Week 1: March 26th - 31st</p> <ul style="list-style-type: none"> - Complete a hypothesis or question. - Collect materials and begin assembling. - Complete test 1 <p>Week 2: April 1st - 7th</p> <ul style="list-style-type: none"> - Continue tests. What works? What doesn't? How can you change a variable for it to work? - Begin a write up of what you've done so far, observations and records. - Keep track of your process! - Begin putting your display board together. <p>Week 3: April 8th - 11th</p> <ul style="list-style-type: none"> - Put information together for analysis and write up. - Complete details of your display board - Double check everything is ready to go for school and set up! <p>Enjoy a restful night and get some sleep (:</p>	

* if more room is needed, continue on additional pages.

Individual Checklist

If working individually this is a guide to help you through your project.

To be completed . . .	Write out explanation	Check off when completed
Category		
Title of project		
Purpose of project: What do you want people to know or understand by doing this?		
Write up: For Scientific Process category. *Other categories do not require but recommended to have a description of model or demonstration.	Scientific Process should include a write up of these sections on display board: Question Hypothesis Experiment Observe & Record Analyze Share Results	
Labeled		
Materials: List what is needed		

To be completed . . .	Write out explanation	Check off when completed
<p>Timeline: 3 weeks till Science Fair.</p> <p>Use this timeline as a way to stay on track. Feel free to change!</p>	<p>Week 1: March 26th - 31st</p> <ul style="list-style-type: none"> - Complete a hypothesis or question. - Collect materials and begin assembling. - Complete test 1 <p>Week 2: April 1st - 7th</p> <ul style="list-style-type: none"> - Continue tests. What works? What doesn't? How can you change a variable for it to work? - Begin a write up of what you've done so far, observations and records. - Keep track of your process! - Begin putting your display board together. <p>Week 3: April 8th - 11th</p> <ul style="list-style-type: none"> - Put information together for analysis and write up. - Complete details of your display board - Double check everything is ready to go for school and set up! <p>Enjoy a restful night and get some sleep (:</p>	

* if more room is needed, continue on additional pages.