

# 2011/2012 Science Class Expectations

Ms. Daley and Mrs. Bratton (B and E Blocks)



## RED TEAM members will show RESPECT by:

- Listening when others talk
- Using positive and constructive language
- Showing consideration for the personal space and the property of others

## SUPPLIES NEEDED:

- writing utensil
- 2 pocket folder



## Daily Classroom Rules and Information:

- Enter the class in an orderly fashion and prepare yourself to start class.
  - Sharpen pencil
  - Get out your homework
  - Record the current night's homework in your agenda book
  - Record any new pages in your table of contents
- Listen to directions carefully and ask questions by raising your hand if you do not understand
- Please **DO NOT TOUCH** any lab supplies until directions and safety procedures are discussed.
- Stay on task and **POSITIVELY** participate during lab investigations and activities.
- **BE SAFE** or you will not participate.
- Help with all clean-up procedures and returning equipment at the end of an experiment/activity.
- Late assignments can be turned in the following day for partial credit. Assignments handed in later than that will be accepted for credit only at the discretion of the teacher.
- Please stay in your seat until dismissed by the teacher.
- Always try your **BEST!**



## Some of the BIG QUESTIONS we will answer this year:

- How do you conduct a scientific investigation?
- What makes something a "living" organism?
- What are cells and how do we get bigger?
- How can we see living organisms that are microscopic?
- How are living organisms classified into groups?
- How are characteristics passed down from parent to offspring?
- How does the human body work?
- How do living things interact?
- How do living organisms change over time?



## Email/Website

daleyk@tantasqua.org  
brattons@tantasqua.org

Class work and homework can be found on my website through Tantasqua's home page.

[www.tantasqua.org](http://www.tantasqua.org)



## GRADING POLICY

Class Work and Organization = 20%  
Projects/Lab Reports/Quizzes = 60%  
Homework and Participation = 20%

## HOMEWORK PHILOSOPHY:

Homework will be given approximately 2-4 times per week. It may include review worksheets, online activities, hands-on experiments, but most of all, I hope students will share what they have learned with their families. Students can also use my website to play study games and take practice quizzes on current topics that we are studying. The most important goal I have, is to get kids excited about science!

**What to do if you are absent:** It is the student's responsibility to get missing work and make everything up in a timely manner. There will be a special spot located in the classroom to pick-up absent work.

# Flinn Scientific's Middle School Science Safety Contract

## PURPOSE

Science is a hands-on laboratory class. However, science activities may have potential hazards. We will use some equipment and animals that may be dangerous if not handled properly. Safety in the science classroom is an important part of the scientific process. To ensure a safe classroom, a list of rules has been developed and is called the Science Safety Contract. These rules must be followed at all times. Additional safety instructions will be given for each activity.

No science student will be allowed to participate in science activities until this contract has been signed by both the student and a parent or guardian.

## SAFETY RULES

1. Conduct yourself in a responsible manner at all times in the science room. Horseplay, practical jokes, and pranks will not be tolerated.
2. Follow all written and verbal instructions carefully. Ask your teacher questions if you do not understand the instructions.
3. Do not touch any equipment, supplies, animals, or other materials in the science room without permission from the teacher.
4. Perform only authorized and approved experiments. Do not conduct any experiments when the teacher is out of the room.
5. Never eat, drink, chew gum, or taste anything in the science room.
6. Keep hands away from face, eyes, and mouth while using science materials or when working with either chemicals or animals. Wash your hands with soap and water before leaving the science room.
7. Wear safety glasses or goggles when instructed. Never remove safety glasses or goggles during an experiment. There will be no exceptions to this rule!
8. Keep your work area and the science room neat and clean. Bring only your laboratory instructions, worksheets, and writing instruments to the work area.
9. Clean all work areas and equipment at the end of the experiment. Return all equipment clean and in working order to the proper storage area.
10. Follow your teacher's instructions to dispose of any waste materials generated in an experiment.
11. Report any accident (fire, spill, breakage, etc.), injury (cut, burn, etc.), or hazardous condition (broken equipment, etc.) to the teacher immediately.
12. Consider all chemicals used in the science room to be dangerous. Do not touch or smell any chemicals unless specifically instructed to do so.
13. Handle all animals with care and respect.
  - a. Open animal cages only with permission.
  - b. Never handle any animals when the teacher is out of the room.
  - c. Do not take animals out of the science room.
  - d. Do not tease or handle animals roughly.
  - e. Keep animals away from students' faces.
  - f. Wear gloves when handling animals.
  - g. Report any animal bite or scratch to the teacher immediately.
14. Always carry a microscope with both hands. Hold the arm with one hand; place the other hand under the base.
15. Treat all preserved specimens and dissecting supplies with care and respect.
  - a. Do not remove preserved specimens from the science room.
  - b. Use scalpels, scissors, and other sharp instruments only as instructed.
  - c. Never cut any material towards you—always cut away from your body.
  - d. Report any cut or scratch from sharp instruments to the teacher immediately.
16. Never open storage cabinets or enter the prep/storage room without permission from the teacher.
17. Do not remove chemicals, equipment, supplies, or animals from the science room without permission from the teacher.
18. Handle all glassware with care. Never pick up hot or broken glassware with your bare hands.
19. Use extreme caution when using matches, a burner, or hot plate. Only light burners when instructed and do not put anything into a flame unless specifically instructed to do so. Do not leave a lit burner unattended.
20. Dress properly—long hair must be tied back, no dangling jewelry, and no loose or baggy clothing. Wear aprons when instructed.
21. Learn where the safety equipment is located and how to use it. Know where the exits are located and what to do in case of an emergency or fire drill.

## AGREEMENT

I, \_\_\_\_\_, (student's name) have read and understand each of the above safety rules set forth in this contract. I agree to follow them to ensure not only my own safety but also the safety of others in the science classroom or laboratory. I also agree to follow the general rules of appropriate behavior for a classroom at all times to avoid accidents and to provide a safe learning environment for everyone. I understand that if I do not follow all the rules and safety precautions, I will not be allowed to participate in science activities.

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

Dear Parent or Guardian:

We feel that you should be informed of the school's effort to create and maintain a safe science classroom/ laboratory environment. Please read the list of safety rules. No student will be permitted to perform science activities unless this contract is signed by both the student and parent/guardian and is on file with the teacher. Your signature on this contract indicates that you have read this Science Safety Contract, reviewed it with your child, and are aware of the measures taken to ensure the safety of your son/daughter in the science classroom.

\_\_\_\_\_  
Parent/Guardian Signature

\_\_\_\_\_  
Date

### **Important questions:**

Does your child wear contact lenses?

Y or N

Is your child color blind?

Y or N

Does your child have any allergies?

Y or N

If so, Please list:

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