

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

Per: \_\_\_\_\_

## Technology Safety Practices ABC- Always Be Careful

1. I will only enter the technology lab if the teacher is present.
2. I must receive instruction in proper use **and** permission from my teacher before using any tools, machines or materials.
3. I must dress so that no loose clothing, jewelry or hair can be the cause of an accident. Shoes should be appropriate.
4. I must carry and handle tools in a safe manner. I will always cut away from others or myself. Tools should be carried pointed down and slightly behind you. Conversations are distractions that may cause accidents. Dull tools are not safe.
5. I must clean up cuttings or scraps of material on the floor where they may cause someone to slip or fall.
6. I will put all tools and materials away when finished using them. Objects left on the edge of a workbench or in a vise may be hazardous.
7. Running, playing, pushing or throwing objects is strictly prohibited.
8. I must report to my teacher immediately all shop hazards or violations of the safety practices.
9. I must report all accidents to my teacher immediately, no matter how slight.
10. Safety Glasses Must Be Worn AT ALL TIMES In The Shop Area.

My teacher has gone over these safety practices with me. These rules are to protect my safety and the safety of my classmates. I understand that ultimately

**I am responsible for my own safety**  
and to ensure it, I agree to follow these safety rules at all times.

\_\_\_\_\_  
Student's Signature

\_\_\_\_\_  
Date

**Technology 8**  
**Fall 2005 Longwood JHS**

**Classroom Rules:**

1. Follow directions the first time they are given.
2. Keep hands and objects to yourself.
3. Use appropriate language.

**Classroom Procedures:**

Students will come to class each day on time, prepared, and ready to work.  
Students will remain seated in classroom area until given permission to work.  
Students will be in their seats at dismissal time.  
All book bags will be stored properly.  
All food or drink will be consumed before entering the classroom.  
All students will participate in total room clean up.  
Students are responsible for making up any work missed when absent.  
Everyone will be treated with respect.  
Smile-your attitude affects our working environment.

PASSES ARE DISCOURAGED!

**Rewards**

1. Praise
2. Certificates
3. Extra Work Time/Extra Credit
4. Treat

**Consequences**

1. Warning
2. Being held in class after dismissal bell for conference
3. Phone call or letter home
4. Loss of work time/Alternative assignment
5. Referral



**Respect, Responsibility, Cooperation, Pride**

## **Grading** (Each Quarter)

20% Class Participation

60% Written Assignments, Projects & Tests

20% Benchmark Exam

## **Participation Grade**

Students can earn points for participation each day they are in class.

Points are earned by:

1. Arriving on time.
2. Being prepared to work.
3. Listening attentively to lesson.
4. Actively participating in class.
5. Cleaning up as necessary.

## **Absences**

- All notes should be made up as quickly as possible upon return to class.
- To complete a project, students may request additional work time before or after school or during their lunch time or academic prep if possible.
- When it is difficult to finish a project that the class has completed during an absence, students may choose to take a partial grade, schedule extra help or complete an alternative assignment.
- If a student is absent from class for any reason, he/she can make up missed participation points with extra credit assignments.

Put it up in a place  
where it's easy to see  
the cryptic admonishment

**T.T.T.**

When you feel how  
depressingly  
slowly you climb,  
it's well to remember that

**Things Take Time.**

"Grook" by Piet Hein, Inventor of the Soma Cube

**Mathematics, Science, and Technology NYS Standard #5:  
Students will apply technological knowledge and skills  
to design, construct, use and evaluate products and systems  
to satisfy human and environmental needs.**

**Key Ideas in Technology Education**

- Engineering Design
- Tools, Resources and Technological Processes
- Computer Technology
- Technological Systems
- History, Evolution of Technology
- Impacts of Technology
- Management of Technology

Activities Completed While in Technology Class Will Include:

The **Scantek Lab** is a computer based, independent technology learning experience. Students spend 5 weeks rotating through different independent learning stations.

Topics include Aerodynamics, Basic Electricity, Electronic Communications, Basic Electronics, Research and Design, Mechanisms, Computer Animation, Biotechnology, Aerodynamics, Digital Photography, Pneumatics, Digital Sound, Construction, and Space Technology.

**Computer Lab:** Students will design a notebook cover with Microsoft Publisher, create a PowerPoint presentation, use the Internet for research and design a bridge with the West Point Bridge Design program.

**Technology Lab:** Students will assemble a notebook and learn how to read and produce technical drawings. They will learn safe procedures for working with hand and machine tools. Projects will include a plastic picture frame, storage crate, model bridge, mousetrap car, paper rocket, soma cube (puzzle) and hydraulic claw. Each class will produce a product in a unit on mass production. Students will compete for a chance to represent Longwood JHS at the BNL Maglev competition.

**Second Step:** Students will spend a week learning skills that will help them avoid conflict in this violence prevention program.

**Problems worthy of attack,  
Prove their worth by fighting back!  
Piet Hien**

## Positive and Negative Attitudes

Write a "P" in front to those behaviors which reflect a worker's positive attitude. Write an "N" in front of those behaviors which are negative.

1. \_\_\_ Smiles easily.
2. \_\_\_ Critical of others.
3. \_\_\_ Blames others for mistakes.
4. \_\_\_ Complains a lot.
5. \_\_\_ Able to see the other person's point of view.
6. \_\_\_ Has many interests.
7. \_\_\_ Almost never complains.
8. \_\_\_ Thinks about what is helpful to co-workers.
9. \_\_\_ Looks others in the eye when talking.
10. \_\_\_ Must be lead by the hand, shows no initiative.
11. \_\_\_ Accepts responsibility for own mistakes.
12. \_\_\_ Thinks only of self, "What is in it for me?"
13. \_\_\_ Often makes excuses.
15. \_\_\_ Rarely smiles, may frown a lot.
16. \_\_\_ Rarely makes excuses.
17. \_\_\_ Respects ideas of others.
18. \_\_\_ Willing to take the initiative, looks for things to do.
19. \_\_\_ Tries to force ideas and opinions on others.
20. \_\_\_ Often late or frequently absent.

## Valuable Positive Attitudes

Fill in the blanks below with the word below that best fits the definition.

|               |              |          |            |
|---------------|--------------|----------|------------|
| Dependability | Cooperation  | Honesty  | Initiative |
| Cheerfulness  | Perseverance | Flexible |            |

\_\_\_\_\_ Doing work according to rules and policies, helping others.

\_\_\_\_\_ Informing supervisor of broken or damaged goods, no stealing, no lying.

\_\_\_\_\_ Doing what you are supposed to do when you are supposed to do it.

\_\_\_\_\_ Looking around for other things to do when your job is finished.

\_\_\_\_\_ Working at a task until it is finished, no matter what the obstacles.

\_\_\_\_\_ Open to change, willing to accept new ideas, new methods of doing things.

\_\_\_\_\_ Nice to others, not depressed or angry at work.

September, 2005

Dear Parent or Guardian,

It is a pleasure to have your son/daughter in my Technology class this year. I anticipate seeing new and creative approaches to the projects we make.

I am asking that each student be prepared with pencils and erasers for class. Your child will also need an inexpensive folder to hold handouts. Our first project will be assembling a notebook.

**Safety is a prime concern** in a Technology class where we use tools and machines. Each student must take the responsibility of following the safety rules. Each child, by working in a careful manner, helps to create the safe environment that we all deserve. This week we have been discussing class rules and safety procedures in class. (See attached.) Please take a moment to review with your child the importance of being attentive to instructions and following the safety rules.

Your interest in your child's progress can lead to improved grades and success in class. Please ask your child about what we are doing in class and when he/she will be bringing a project home.

If you wish to speak with me leave a message at 345-2700 ext. \_\_\_\_ and I will be happy to return your call. I look forward to seeing you at Open House night.

Sincerely,

**Longwood JHS Technology Department**  
Mr. Barci, Ms. Lang, Mr. Linker,  
Mr. O'Reilly, Mr. Tooker, Mr. Wetzel  
Mrs. Poggio, chairperson

I have discussed with my child, \_\_\_\_\_,  
the importance of listening attentively and following all safety procedures.

Parent's Signature: \_\_\_\_\_

*Safety glasses or goggles are required while working in Technology.  
If your child wears prescription glasses that are a safe substitute (shatterproof)  
for safety glasses, please add a brief note here.*