

Technology Education



Technology Education Course Syllabus 2015-2016

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Welcome!!!

Course ~ Syllabus

Technology education is the study of technology, in which students "learn about the processes and knowledge related to technology". As a field of study, it covers the human ability to shape and change the physical world to meet needs, by manipulating materials and tools with techniques.

~ Technology Education (AKA Tech Ed) will be taught by **Mr. Lopez**. I will be in charge of your **class grade**.

~ This class is **self-guided & Cooperative learning**. This class has NO homework

[Class website](#)

[Synergy](#) ~ Use Google Chrome

Rules / Expectations: Be Responsible ~ Be Respectful ~ Be Safe

1. You are responsible for your **own behavior**. NO horseplay or running.
2. Follow all safety precautions. Do not throw things.
3. Do not eat candy or other food in class unless you have been given special permission.
4. Do not cheat. You are expected to do your own work and don't let anyone copy it.

Expectations

5. Keep your hands and feet to yourself.
6. Come to class on time. (I know being on the third floor it is a long way to my class. I do not count anyone tardy unless you *really, really* late).
7. Try to attend to personal needs before coming to class.
8. Bring required materials every day unless you are otherwise directed. **(Pencil)**

9. Talk only when permitted. Do not visit with nearby modules until clean up time. Use polite speech and body language. Unkind teasing and impolite behavior is unacceptable.
10. Follow the teacher's directions immediately.

BIST - Consequences for failure to follow rules/expectations

11. The teachers Tech Ed classroom are not out to “catch” you doing things wrong. However, if you choose to break a school policy or exhibit behavior that is inappropriate or disruptive to the class, these BIST steps will be enforced quietly, fairly, and impartially. The teachers wish to insure the best possible learning environment for all students.

- * A) **Safe seat**, fill out the **Safe Seat Assignment**. When you have completed the safe seat assignment you may go back to class.
- * B) **Safe seat**, fill out the **think sheet**. We will **process** the beginning of next class period.
- * C) The **Focus Room**.

Our “CLASSROOM” Combination of Rules - Expectations - Daily Procedures

PCMS Big 3

Be Responsible ~ Be Respectful ~ Be Safe

Classroom Procedures:

~ Come into class get your folder do attendance and sit down in assigned area.

~ Sit quietly; make sure you have a pencil.

~ You may work on class work waiting for teacher Instruction.

12. As you enter the classroom, you will do you're **attendance** on the iPad next to Mr. Lopez's desk. If you don't see the iPad we will do regular attendance.
13. You will be **required** to sit in your assigned seat in the classroom.
14. You may quietly get up and ask the teacher questions in a **quiet manner** if they are necessary.
15. **Do not** leave the classroom without permission.
16. Every time you enter or leave a **module area** please check to see if everything is in place and no major damage has occurred. I have wipes if need to clean your desk area.
17. You are to stay in your module **at all times** unless you have permission to leave or your module instructions send you out of the module. Throw away trash at the end of the period on your way out. Remember we **DO NOT** just get up and wonder around the lab without permission.

~ The water fountain is down the hall. Please use the restroom in the short hall way,
by Spanish Classroom.

~ When **coming** to class or **leaving** the class at the end of the hour please use the old stairs,
unless you have a class on the six grade floor. Please no running in the halls.

18. You can go ahead and leave your module if you are having an emergency. If you think you
are going **throw up**, tell your partner or someone where you are going and hurry to the bathroom
or at least a trash can. If you have or feel a **bloody nose** coming on get to one of our trash cans. If
you think you are going to wet your pants tell your partner or someone where you are going and
hurry to the **bathroom**.

19. You will find a button that will turn on a **Call Light** to notify a teacher that you need
assistance.

Technology Education

20. If you **miss class**, you are required to make up your missed work in a timely manner. If I
don't receive any projects in a timely manner NTI (not turned in) will be recorded in the
gradebook.

21. You are expected to always have **your folder and a pencil** at your module.

22. You are responsible for the condition of your folder. We do not want any writing, holes, or
stickers on your folder. Please keep your folder neat and clean.

23. **Your folder must REMAIN in our classroom at all times.** Your folder will be stored in the
folder storage racks

24. During **Clean Up Time** you are expected to come to stopping point. Log out of current
session or save any data, record page numbers. You have about 3 minutes to clean up your area.

Listen for the clean-up song.

Using Classroom Computers

25. Student's will be assigned a **user name** & password when we are in the Synergy Modules
(7th & 8th grade only)

Modules: Synergy

Alternative Energy

Practical Skills

Rocketry

Towers

Flight

Internet Modules

Game Design

PhotoShop

Log onto Student Desktop = "pcmslib" then "library"

Log onto Synergy with Google Chrome = "synergy" then "pitsco"

26. Follow these desktop rules.

- ❖ Never go onto the internet without teacher permission. (all computers are monitored)
- ❖ Never go to an internet site or play any games that are not approved by the teacher.
~ *Shooting games are not allowed in my class.*
- ❖ When using a search engine be especially careful not to open questionable sites.
- ❖ Inform the Teacher if you accidentally enter a questionable site.
- ❖ Do not change desktop settings.
- ❖ Never print unless you have been told.
- ❖ Do not download anything to the desktop without permission.

Class Grade ~ Points

27. During this class your grade will be based on the **points you accumulate**. You can earn two basic kinds of points: **Tech Activity points** and **Module points**.

28. **Special Activity Points** are for all the assignments which are modules. They include things like worksheets, quizzes, activities, and projects. All these assignments will be carefully explained and the expectations made clear. A lot of the time they will be on our class web site so you can do make up work at home more easily.

29. All student papers need labeled with your **first name, last name, and class hour**.

30. **Module Points** are all collected on the packet that is in each module and it is called the **Module Records**. The front page is the record page and the pages that follow are the module worksheets that go with that module. Each day you will start with **Vocabulary & Daily Content objective**.

Modules ~ Cooperative Learning

31. Technology Education has **7 modules**. Modules are seven days long. Each day is called a **session**. Seventh grade will go to 4 modules, and 8th grade will choose three. Your modules are chosen by the Synergy computer program..

32. In some modules you might have to work alone and in other modules you might have a partner. The partners might even be from the opposite team than you are on. We stress cooperative learning and getting along with a partner that might not be someone you do not know.

33. **Grading Scale:** **A – 90% B -80% C – 70% D – 60% F – 50%**

Name _____

Hour _____ Module # _____

Attendance	(70)	_____	_____
Daily Work	(70)	_____	_____
Vocabulary	(70)	_____	_____
Assessments	(60)	_____	_____
RCA's	(100)	_____	_____
Test	(100)	_____	_____
Total		_____	_____

A = 470-423 B = 422-376 C = 375-330 D = 329-282

6th grade Points

Measurement	Career Unit	Tower Unit	Tech Issues	Invention	Total
Lab			Website	Poster	
205 pts.	250 pts.	200 pts.	375 pts.	200 pts.	1,230 pts.

7th grade Points

4 Modules	Digital	Marketing	Invention	Famous	Notecard	Total
	Design	Unit	Website	Inventor	Problem	
1,880 pts.	200 pts.	305 pts.	360 pts.	200 pts.	50 pts.	2,995 pts.

8th grade Points

* Mandatory class projects

* Public Service Announcement (PSA)	<u>1st semester</u>	* Straw Tower Challenge	* Cornell Notes	~ Choose One 2-3 modules 1 Tech Activity	~ Choose One Dragster Design	
	*Catapult Challenge					Due
	<u>2nd semester</u>					2-5
	*Mousetrap Car					3-11
			4-29			
			5-26			

~ Choose any of the Modules you have not taken

~ Tech Activity; Website Design ~ Career Investigation

~ CO2 Dragster Design, (partner activity)