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**lysneclassroom.weebly.com**

## “The important thing is the journey and not the destination”

We, as a society, are greatly influenced by the scientific & technological advances that occur everyday around us. As a result, Science & Tech 11 was designed to allow you to explore the interactions between science, technology & society. You will also be doing many construction projects, lab experiments and library research assignments. Many of you may not consider a career in science, but there is much to be gained in understanding how science affects your daily life.



Course Outline:



**Unit Five:**

 **Space** (January)

 - history of space travel

 - what it takes to be an astronaut

 - egg drop

**Unit Four: Transportation** (November/December)

 - Public transit & cars

 - air & water

 - build cardboard racer





 **Unit One:**

**Intro to Science, Technology,**

 **Society & Environment**

 - safety & scientific method

 - inventions

 - problem solving

**Unit Three:**

**Household Chemistry** (November)

-Disposal of Chemicals

-eco-ad campaign

-make oobleck

**Unit Two: Home and Technology** (October)

 - history & materials

 - load capacity & tensile strength

 - build bridges, houses &towers



*Things you need to know:*

1. Each class teaches one complete idea or concept. If you miss a class, you miss the concept.

Therefore: ***Good attendance is essential for passing this class*.**

2. Since each lesson is designed so that all work is done in class, we work on a “NO HOMEWORK” basis.

Therefore:

a. You may leave your notebook in the room so you don’t lose it! Find a good place to keep it.

b. Bring other homework or a novel or magazine to read for when you finish early. Great way to keep up!

 c. The more efficient you are in completing your tasks, the more time you have for other things.

3. Bring your own stuff every day to class: pencil, pen, paper and a binder.

4. Teamwork and construction skills will be developed all year.

Therefore: a. Groups will be scrambled for eachprojectso you get to work with everyone.

 b. We need you to be in class to help the team!

 c. Give every crazy idea a try; you never know what you might find!

5. All units will be marked in the following areas:

**Beware the Lazy Group Brain!**

It’s lazy & unoriginal.

It is usually wrong!

Individual assignments contaminated by the Lazy Group Brain will only get a fraction of the possible mark.

Eg. Five identical assignments look like they earned 15/20 but it was done by 1 member of the 5 member lazy group brain and so

 15 /5 = 3 pt/20

 - teamwork & participation mark (daily)

 - a notebook check (end of unit)

- readings & assignments (daily)

 - a Test or a major project (end of unit)

6. All tests are open notes.

Therefore: a. There are no rewrites!

 If you cheat you will get ZERO,

a call home and an office referral…

 boy was that a dumb thing to do!

You better have a really well organized notebook with all the handouts in it!

If you miss a day and need the notes, I must have a note or phone call explaining your absence. (Skippers obviously think they don’t need the handouts to pass the tests…so don’t give them any)!

Term Mark

Unit Exams/Projects (5): 60%

Assignments: 25%

Notes 10%

Quizzes 5%

100%