

Lesson plans November 18 to November 22, 2019

Lesson Plans for Mr. Woolslayer Room 200

Monday

8:05 to 8:49 Physics II:

Objective: Students will understand the factors which determine the resistance of a material.

Students will apply Ohm's law to circuit problems

PA standard: 3.2.P.B1

Activity: Finish MU The electric battery, notes, demonstrations and discussion on ohm's law and resistivity.

Evaluation: Completed Video questions MU the battery, Notebook check.

Enrichment/Remediation: Tutoring is available by appointment before school, 9th period or after school. Extra credit: Engineering project: Build mouse trap car.

8:53-9:34 Physics Lab

Physics Lab

Objective: Students will finish lab reports and graphs of mass vs speed of a Pasco car.

PA standard: 3.2P.B7

Activity: Mass vs Speed experiment,

Evaluation: Completed lab report.

Enrichment/Remediation: Tutoring is available by appointment before school, 9th period or after school. Extra credit: Engineering project: Build a mousetrap car.

9:38- 10:19 General Physical Science

Objective: Students will understand the contributions and experiments of scientists who came up with models of the atom.

.PA standard: 3.2.P.B1

Activity: Finish MU atoms, Notes, demonstrations and discussion on atomic theories and experiments.

Evaluation: Completed Video questions MU atoms and notebook check

Enrichment/Remediation: Tutoring is available by appointment before school, 9th period or after school. Extra credit: Engineering project: Build a mousetrap car

10:23 to 11:04 General Physical Science:

Objective: Students will understand the contributions and experiments of scientists who came up with models of the atom.

.PA standard: 3.2.P.B1

Activity: Finish MU atoms, Notes, demonstrations and discussion on atomic theories and experiments.

Evaluation: Completed Video questions MU atoms and notebook check

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11:08 to 11:49 Study hall in the Room 200

11:49 to 12:19 Boys locker room duty Eat B Lunch

12:23 to 1:04 C lunch duty

1:08 to 1:49 Physics

Objective: Students will solve problems related to projectile motion

PA standard: 3.2.P.B7

Activity: guide practice problems from Hand out problems on projectile motion

Evaluation: Completed Completed handout problems on projectiles.

Enrichment/Remediation: Tutoring is available by appointment before school, 9th period or after school. Extra credit: , Engineering project: build a mouse trap car.

1:53 to 2:34 Prep

2:38- 3:08 Sci-fi theater club

3:08 to 3:30 Gym Lobby Duty.

Tuesday

8:05 to 8:49 Physics II

Objective: Students will solve for the effective resistance of resistors in series and parallel.

PA standard: 3.2.P.B1

Activity: Guided practice problems on resistors in series and parallel.

Evaluation: Completed Effective resistance problems.

Enrichment/Remediation: Tutoring is available by appointment before school, 9th period or after school. Extra credit: Engineering project: Build mouse trap car

8:53-9:34 Prep

9:38- 10:19 General Physical Science:

Objective: Students will determine the number of protons, neutrons and electrons given the atomic number and atomic mass,

PA standard: 3.2.P.B1

Activity: Guided practice with determining the number of electrons, protons and neutrons in an atom.

Evaluation: Completed Atom handout problems

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Activity: Mass vs Speed experiment,

Evaluation: Completed lab report.

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2:38- 3:08 8th grade

HR 3:08 to 3:30 Gym Lobby Duty.

Wednesday

8:05 to 8:49

Physics II: Objective: Students will solve for the power used by a circuit..

PA standard: 3.2.P.B1

Activity: Guide and independent practice problems on power and ohm's law

Evaluation: Completed Power handout problems.

Enrichment/Remediation: Tutoring is available by appointment before school, 9th period or after school. Extra credit: Engineering project: Build mouse trap car

8:53 to 9:34 Physics lab

Objective: students will find the COG of a triangle with two different methods.

PA standard: 3.2.P.B1

Activity: Finding the CoG of a triangle lab.

Evaluation: Completed triangle with COG location and lines of Force..

Enrichment/Remediation: Tutoring is available by appointment before school, 9th period or after school. Extra credit: Engineering project: Build mouse trap car

9:38-10:19 General Physical Science

Objective: Students will determine the electron configuration of elements .

PA standard: 3.2.P.B1

Activity: Guided practice problems on S,P, D, F orbital problems

Evaluation: Completed Orbital problems

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