

Week 1: Physics Fundamentals (Aug 1 - 7)

Day 1

- Course introduction and expectations.
 - Syllabus, basic skills handouts
 - Blended classroom design/expectations/roles
 - tour theteterszone.net
 - complete online Contact Form
- Signup on Schoology.com, use access code to join course. You can use current schoology account if you have one already.
 - Teters 3rd Schoology Code: **QCRTP-4B5XH**
- Signup on EDpuzzle.com, use code to join course. You can use current EDpuzzle account if you have one already.
 - Teters 3rd EDpuzzle code: **zitguhw**
- Ensure all students are signed up and have access **(CW)**
- Lab: Measurement Lab Part 1
- **Homework:**
 - EDpuzzle Videos: (1) How to learn from Video (2) How to graph
 - Handouts: SI/Metric reference sheet
 - Schoology: (a) Graphing (b) Metric prefixes

Week 1: Fundamentals	Name:		
	EDpuzzle/ Notes	Schoology	In class work (CW)
Day 1			/25
Day 2	(1) /10	(a) /5	/25
	(2) /10	(b) /5	
Day 3	(3) /10	(c) /5	/25
	(4) /10	(d) /5	
Day 4	(5) /10	(e) /5	/25

Day 2

- Discuss online homework results/expectations and questions
- Tales from the Teters Zone **(CW)**
 - Measurement Lab Part 1 thoughts and lab expectations
 - Organization, data collection, measuring
 - Lab types
 - Objective provided: student determines what to do
 - Fully guided lab provided: student follows procedure
 - Inquiry activities: new concept introduced in lab setting
- Practice: Graphing **(CW)**
 - Fundamentals Worksheet Part 4 – 1st graph approved
- Lab: Bouncing Ball (Start)
 - Objective: determine the relationship between the height a ball is dropped from with the height it bounces after the drop.
 - Data, graph, and conclusion must be approved
- **Homework:**
 - EDpuzzle Videos: (3) SI/metric conversions (4) Scientific notation
 - Schoology: (c) SI/metric conversions (d) Scientific notation

Day 3:

- Discuss online homework results/expectations and questions
- Lab: Bouncing Ball (finish)
 - Data, graph, and conclusion must be approved
- Practice **(CW)**
 - Fundamentals Worksheet Parts 1 and 3 based on homework needs
- **Homework:**
 - EDpuzzle Videos: (5) Dimensional analysis

Day 4:

- Discuss online homework results/expectations and questions
- Practice **(CW)**
 - Fundamentals Worksheet Part 2 based on homework needs
 - Fundamentals Worksheet Part 5 rearranging equations... teacher approval needed
 - Video help and live teacher available
 - Any other practice as needed
- **Homework:** You can start now, same as Day 5
 - EDpuzzle Videos: (1) Displacement (2) Velocity
 - Schoology: (a) Velocity Key Terms (b) Displacement/velocity

Day 5:

- Student Growth Measure
- Measurement Lab Part 2 and/or other tasks as determined by individual progress
- **Homework:**
 - EDpuzzle Videos: (1) Displacement (2) Velocity
 - Schoology: (a) Velocity Key Terms (b) Displacement/velocity