

**Week 1: Physics Fundamentals (Jan 4 – 10)**

**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: **9JC4D-85CWP**
- 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

**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
  - Graph sample data and have one graph approved
- **Homework:**
  - EDpuzzle Videos: (3) SI/metric conversions (4) Scientific notation
  - Schoology: (c) SI/metric conversions (d) Scientific notation

Week 1: Fundamentals	Name:		
	EDpuzzle/ Notes	Schoology	In class work <b>(CW)</b>
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 3:**

- Discuss online homework results/expectations and questions
- Lab: Bouncing Ball
  - Objective: determine the relationship between the height a ball is dropped from with the height it bounces after the drop.
  - Data, graph, and conclusion
- Practice **(CW)**
  - Fundamentals Worksheet Parts 1 and 3 based on homework needs
- **Homework:**
  - EDpuzzle Videos: (5) Dimensional analysis
  - Schoology: (e) 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:**
  - EDpuzzle Videos: (1) Displacement (2) Velocity
  - Schoology: (a) Velocity Key Terms (b) Displacement/velocity