

Week 1: Introduction to Physics and The Teters Zone

Day 1

- Course introduction and expectations.
 - Syllabus, basic skills handouts
 - Blended classroom design/expectations/roles
 - tour theteterszone.net
- 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: 3BMF7-KXHGM
- Signup on Edpuzzle.com, use code to join course. You can use current Edpuzzle account if you have one already.
 - Teters 3rd Edpuzzle code: ibajetv
- Ensure all students are signed up and have access
- Lab: Measurement Lab Part 1
- **Homework:**
 - Content: Take notes/summarize
 - Videos: (1) How to learn from Video
 - (2) How to graph
 - Handouts: SI/Metric reference sheet
 - Schoology quizzes: (1) Graphing
 - (2) Metric prefixes

Day 2

- Discuss online homework results/expectations and questions (still available for completion)
- 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
 - Handout: Practice #1 Part 4
 - Graph sample data and have one graph approved
- 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
- **Homework:**
 - Content: Take notes/summarize
 - Videos: (1) SI/metric conversions
 - (2) Scientific notation
 - Schoology quizzes: (1) SI/metric conversions
 - (2) Scientific notation

Week 1			
	Video Notes	Schoology checks	In class work
Day 1			/25
Day 2	(1) /10	(1) /5	/25
	(2) /10	(2) /5	
Day 3	(1) /10	(1) /5	/25
	(2) /10	(2) /5	
Day 4	(1) /10	(1) /5	/25

Day 3:

- Discuss online homework results/expectations and questions (still available for completion)
- Finish Lab: Bouncing Ball
- Practice
 - Practice #1 Parts 1 and 3 based on homework needs
- Lab: Measurement Lab Part 2..."closest to the pin"
- **Homework:**
 - Content: Take notes/summarize
 - Videos: (1) Dimensional analysis
 - Schoology quizzes: (1) Dimensional analysis

Day 4:

- Discuss online homework results/expectations and questions (still available for completion)
- Finish Lab: Measurement Lab Part 2 Awards
- Practice
 - Practice #1 Part 2 based on homework needs
 - Practice #1 Part 5 rearranging equations... teacher approval needed
 - Video help and live teacher available
 - Any other practice as needed
- Competition Lab: Tower building (last 30 minutes)
- **Homework:**
 - Content: Take notes/summarize
 - Videos: (1) Displacement
 - (2) Velocity
 - Schoology quizzes: (1) Velocity Key Terms
 - (2) displacement (3) velocity