

One dimensional kinematics

Unit Daily Agendas

August 3

Unit
1

- Teters' Tales: Motion basics
- Lab: Army Trucks
- Homework: Basic skills quizzes (4) on schoology

August 4

Unit
1

- SLO
- Finish Army Trucks Lab
- Homework: Basic skills quizzes (4) on schoology

August 7

Unit
1

- Discuss Army Truck results
- Acceleration
- Position v. Time graph interpretation
 - Motion sensor
 - Practice worksheet

August 8

Unit
1

- Check position v. time graphs
- Calculations on position v. time graphs
- Ram Truck Lab
 - Acceleration?
- Homework: position v. time graph calculations worksheet

August 9

Unit
1

- Check position v. time graph calculations
- Translating position v. time graphs...
 - Velocity v. time
 - Acceleration v. time
- Velocity v. time concept worksheet
- Homework: Skills check #1 on schoology

August 10

Unit
1

- Quiz #1: graph concepts
- Calculations on velocity v. time graphs
- Motion graph practice worksheet
- Homework: graphing worksheets; skills check #2 on schoology

August 11

Unit
1

- Graph Quiz #1 is graded...
- Last graphing practice time
- Basic motion equations
 - Worked examples
 - Practice worksheet #1-9
- Skills Check #3 - last 10 minutes
- Homework: Schoology Skills checks (6 total)

August 14

Unit
1

- Skills Check #3 is graded...
- Individual questions on motion worksheet from Friday
- Uniform acceleration equations
 - Worked examples
 - Practice worksheet #10-18
- Homework: Finish worksheet; prep for Graphing Quiz #2 (calculations and concepts)

August 15

Unit
1

- Graphing Quiz #2
- Individual questions on motion worksheet
- Lab: Slow Roller

August 16

Unit
1

- Return of Graph Quiz #2
- Finish Slow Roller lab
- Freefall
 - What is it?
 - Let's find the actual g
- Homework: Skills Check #4 starts today on schoology

August 17

Unit
1

- Lots of Freefall Practice
- Skills Check #5 last 10 minutes
- Homework: Prepare for Graphing Quiz #3

August 18

Unit
1

- Graphing Quiz #3
- Homework: Skills check #4 and start prepping for Unit 1 test

August 21

Unit
1

- Return Graphing Quiz #3
- Review work specific for the Unit test tomorrow
- Homework: Study for Unit 1 test

August 22

Unit
1

- Unit 1 Test