

One dimensional kinematics

Unit Daily Agendas

August 6

Unit
1

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

August 7

Unit
1

- SGM pretest
- Finish and Discuss Army Truck results
- Acceleration?
- Homework: Basic skills quizzes (4) on schoology

August 8

Unit
1

- Acceleration
- Position v. Time graph interpretation
 - Motion sensor
 - Practice worksheet
- Homework: Front of graph worksheet if needed; Basic skills quizzes (4) on schoology

August 9

Unit
1

- Check position v. time graphs
- Calculations on position v. time graphs
- position v. time graph calculations on worksheet
- Homework: finish worksheet if needed;
Skills check #1 on Schoology

August 10

Unit
1

- Translating position v. time graphs...
 - Velocity v. time
 - Acceleration v. time
- Velocity v. time calculations
- v v. t worksheet, both sides
- Skills check #3 - graphs
- Homework: Skills check #2 on Schoology
- Quiz next time on graphing concepts, no calculations

August 13

Unit
1

- Graphing Worksheet - front concepts
- Quiz #1: graph concepts
- Graphing Worksheet - back calculations

- Homework: graphing worksheets; skills checks #1 and #2 on schoology

August 14

Unit
1

- Graph Quiz #1 is graded...
- Last graphing questions
- Basic motion equations
 - Worked examples
 - Practice worksheet #1-9
- Skills Check #4 - last 10 minutes
- Study for Graphing Quiz #2...calcs and concepts

August 15

Unit
1

- Skills Check #4 is graded...
- Graphing Quiz #2 (calculations and concepts)
- Individual questions on motion worksheet
- Uniform acceleration equations
 - Worked examples
 - Practice worksheets
- Homework: Finish worksheets

August 15

Unit
1

- Uniform acceleration equations
 - Worked examples
 - Practice worksheet #10-18
 - 1-d motion practice
 - #1-6 (do at least three)
 - #7, 13, 14
 - #8-12 (do at least three)
- Homework: Finish worksheets

August 16

Unit
1

- Graphing Quiz #2 is graded...
- Individual questions on motion worksheet
- Lab: DiscGo
- Homework: Study for graph quiz #3

August 17

Unit
1

- Graphing Quiz #3
- Finish DiscGo lab
- Freefall
 - What is it?
 - Dropping Stuff
- Homework: Skills Check #4 starts today on schoology

August 20

Unit
1

- Return Graphing Quiz #3
- Freefall
 - Simple toss
 - Worked examples
 - Freefall Practice worksheet
- Homework: Skills check #5

August 21

Unit 1

- Freefall examples and practice
 - Front and back of worksheet from Monday
 - #15-20 on 1-d motion practice (19 c is for those that want a challenge)
- Skills Check #6 last 10 minutes
- Homework: Skills check #5 and start prepping for Unit 1 test

August 22

Unit
1

- Lab: Throwing Stuff
- Homework: Skills check #5 and start prepping for Unit 1 test

August 23

Unit
1

- Unit 1 Post test
- Review work specific for the Unit test tomorrow
- Homework: Study for Unit 1 test, more practice available on Schoology

August 24

Unit
1

- Unit 1 Test
- You need...
 - Calculator
 - Writing utensil (pencil preferred)
 - Happy Place