

# One dimensional kinematics

Unit Daily Agendas

# January 10

Unit  
1

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

# January 11

Unit  
1

- Finish and Discuss Army Truck results
- Acceleration
- Position v. Time graph interpretation
  - Motion sensor
  - Practice worksheet
- Homework: Basic skills quizzes (4) on schoology



# January 12

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 and schoology

# January 16

Unit  
1

- Translating position v. time graphs...
  - Velocity v. time
  - Acceleration v. time
- Velocity v. time calculations
- v v. t worksheet, both sides
- Homework: Skills checks #1 and #2 on Schoology
- Quiz next time on graphing concepts, no calculations

# January 22

Unit  
1

- Motion graph practice worksheet
- Quiz #1: graph concepts
- Basic motion equations
  - Worked examples
  - Practice worksheet #1-9
- Skills Check #3 - last 10 minutes
- Homework: Skills checks #1 and 2 (last chance)



# January 23

Unit  
1

- Return Skills check and Graph Quiz #1
- Individual questions on graphing and motion worksheets
- Uniform acceleration equations
  - Worked examples
  - Practice worksheet #10-18
- Homework: Finish worksheet; Graphing Quiz #2 tomorrow; Army trucks due tomorrow

January 24

Unit  
1

- Graphing Quiz #2 (calculations and concepts)
- Lab: DiscGo



# January 25

## Unit 1

- Return Graph Quiz #2
- Finish DiscGo lab
- Freefall
  - What is it?
  - Lab: Dropping Stuff
- Homework: Skills Check #4 starts today on schoology

# January 26 - 2<sup>nd</sup>

Unit  
1

- Graphing Quiz #3
- Lots of Freefall Practice
- Homework: Skills check #4 on Schoology and finish freefall worksheet.

# January 26 - 4<sup>th</sup>

Unit  
1

- Graphing Quiz #3
- Lots of Freefall Practice
- Skills Check #5 last 10 minutes
  
- Homework: Skills check #4 on Schoology and finish freefall worksheet.



January 29 - 2<sup>nd</sup>

Unit  
1

- Skills Check #5 - freefall
- Freefall practice
- Lab: Throwing Stuff / Hangtime
  
- Homework: Review worksheet for Unit 1 test

January 29 - 4<sup>th</sup>

Unit  
1

- Freefall practice
- Lab: Throwing Stuff / Hangtime
- Homework: Review worksheet for Unit 1 test

# January 30

Unit  
1

- Review work specific for the Unit test tomorrow
- Homework: Study for Unit 1 test



# January 31

Unit  
1

- Unit 1 Test