

Roselle Park Public Schools
510 Chestnut Street
Roselle Park, New Jersey 07204

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“A High Performing School District”

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Home Instruction Packet for AP Calculus

Name of Teacher and Class: Ryan Flatley AP Calculus

<p>You will work on Free Response Questions for Unit 5 and 6 of the AP Calculus exam. Part of these sections requires no calculator, while part requires the use of a graphing calculator.</p> <p>This work will be collected. This work will be graded and counted towards their marking period grade. At the end of the first week, Unit 5 will be due through electronic submission. At the end of the second week, Unit 6 will be due through electronic submission. Details and directions to follow.</p> <p>I am available to support you during the hours 7:50am-2:50 pm to answer any of your questions. I will be responding to your emails within the hour.</p> <p>You contact me at: rflatley@rpsd.org and through our class Remind</p>	
<p>Lesson: Applications of derivatives and integration.</p>	<p>All work needs to be shown and emailed to me by the end of each week. Any additional work has been passed out.</p>
<p>Week 1- Lesson 1: Unit 5 FRQ Part A #1 Lesson 2: Unit 5 FRQ Part B #1 Lesson 3: Unit 5 FRQ Part B #2 Week 2- Lesson 1: Unit 6 FRQ Part A #1 Lesson 2: Unit 6 FRQ Part A #2 Lesson 3: Unit 6 FRQ Part B #1 Week 3- Lesson 1, 2, and 3: Take Home #9, review of all Calculus at this point.</p>	<p>All units are to follow the directions as posted on myapclassroom. Unit 5 FRQ A #1 uses a graphing calculator. Unit 5 FRQ B #1 and #2 calculators are not permitted. Unit 6 FRQ A #1 and #2 does not allow a calculator. Unit 6 FRQ B #1 uses a graphing calculator.</p>
	<p>Directions for Paper Assignments: Unit 5 FRQ A #1 uses a graphing calculator. Unit 5 FRQ B #1 and #2 calculators are not permitted. Unit 6 FRQ A #1 and #2 does not allow a calculator. Unit 6 FRQ B #1 uses a graphing calculator.</p>

Home Instruction Packet for Honors Physics

Name of Teacher and Class: Ryan Flatley Honors Physics

<p>You have been given the packet for AP Physics 1 – Universal Gravitation. You are to complete the entire slideshow packet. https://njctl.org/materials/resources/ap1-gravitation-presentation-1/attachments/</p> <p>This work will be collected. This work will be graded and counted towards you marking period grade. I will have progress checks at the end of each week to make sure we are keeping pace.</p>	
<p>I am available to support you during the hours 7:50am-2:50 pm to answer any of your questions. I will be responding to your emails within the hour.</p> <p>You contact me at: rflatley@rpsd.org or Remind</p>	
<p>Lesson: Universal Gravitation, SWBAT relate newton’s law of motion with universal gravitation. Assessment will occur periodically through electronic submission</p>	<p>Students are to read through and complete all problems in the AP Physics 1 – Universal Gravitation packet. All work needs to be shown and emailed to me by the end of each week. There are instructional videos for every single problem assigned for assistance.</p>
<p>Week 1- Lesson 1: Gravitational Force Lesson 2: Gravitational Field Lesson 3: Surface Gravity Week 2- Lesson 1: Gravitational Field in Space Lesson 2: Orbital Motion Lesson 3: Kepler’s Third Law of Motion Week 3- Lesson 1 & 2: Chapter Problems Lesson 3 – Multiple Choice</p>	<p>Week 1 – Finish reading and completing problems through Surface Gravity in the slideshow packet. Week 2 – Finish reading and completing problems through Kelper’s Third Law of Motion in the slideshow packet. Week 3 – Complete chapter problems and multiple choice problems.</p>
	<p>Directions for Paper Assignments: Same.</p>

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Home Instruction Packet for CP Physics

Name of Teacher and Class: Ryan Flatley CP Physics

<p>You have been given the packet for Algebra Based Physics – Universal Gravitation. You are to complete the entire slideshow packet. https://njctl.org/materials/resources/universal-gravitation-presentation/attachments/ This work will be collected. This work will be graded and counted towards you marking period grade. I will have progress checks at the end of each week to make sure we are keeping pace.</p>	
<p>I am available to support you during the hours 7:50am-2:50 pm to answer any of your questions. I will be responding to your emails within the hour.</p> <p>You contact me at: rflatley@rpsd.org or Remind</p>	
<p>Lesson: Universal Gravitation, SWBAT relate newton's law of motion with universal gravitation. Assessment will occur periodically through electronic submission</p>	<p>Students are to read through and complete all problems in the Algebra Based Physics – Universal Gravitation packet. All work needs to be shown and emailed to me by the end of each week. There are instructional videos for every single problem assigned for assistance.</p>
<p>Week 1- Lesson 1: Gravitational Force Lesson 2: Gravitational Field Lesson 3: Surface Gravity Week 2- Lesson 1: Gravitational Field in Space Lesson 2: Orbital Motion Lesson 3: Kepler's Third Law of Motion Week 3- Lesson 1, 2, and 3: Chapter Problems</p>	<p>Week 1 – Finish reading and completing problems through Surface Gravity in the slideshow packet. Week 2 – Finish reading and completing problems through Kelper's Third Law of Motion in the slideshow packet. Week 3 – Complete chapter problems and multiple choice problems.</p>
	<p>Directions for Paper Assignments: Same.</p>

Home Instruction Packet for Junior Math SAT Prep

Name of Teacher and Class: Ryan Flatley – Junior Math (Math SAT Prep)

<p>All assignments will be issued via Khan Academy. This work will be graded and counted towards their marking period grade. I will monitor your progress on Khan Academy.</p>	
<p>I am available to support you during the hours 7:50am-2:50 pm to answer any of your questions. I will be responding to your emails within the hour.</p> <p>You contact me at: rflatley@rpsd.org or Remind</p>	
<p>Lesson: Heart of Algebra. SWBAT solve linear equations and inequalities as well as solve word problems using systems of equations.</p>	<p>All work at the end of each week should be emailed to me at rflatley@rpsd.org</p>
<p>Week 1- Lesson 1: Solving Linear Equations and Inequalities Lesson 2: Interpreting Linear Functions and Inequalities Lesson 3: Linear Equations and Inequality word problems</p> <p>Week 2- Lesson 1: Graphing Linear equations Lesson 2: Systems of Linear Equations Lesson 3: System of Linear Equations/Inequality Word Problems</p> <p>Week 3- Lesson 1: Ratio, rates, proportions Lesson 2: Percents Lesson 3: Units</p>	<p>All assignments will be assigned on Khan Academy. Students will have assignments each day. All assignments will count as a classwork grade. Each assignment should be completed by the end of each week.</p> <p>The notes and instructional videos will be available on Khan Academy.</p>
	<p>Directions for Paper Assignments: Work on SAT QUARANTINE PACKET and Practice Test #4. Practice Test #4 should be timed and follow all directions.</p>