

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

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*"A High Performing School District"*

**James Salvo**  
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## **Home Instruction Packet for (CP Chemistry)**

Name of Teacher and Class: Mr. Greco, Chemistry

Each student has received a Chemical Compounds Packet that in contains several sections of naming various types of compounds (covalent, ionic, polyatomic, acids). The packet contains materials to help students with naming and formula writing, as well as a review. Aside from lessons in class, students have access to instructional videos linked via Google Classroom. Students have also received a Sweet 16 Compounds Worksheet as a review.

This work will be collected by the teacher. This work will be graded and counted towards their marking period grade.

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.

You contact me at: (rgreco@rpsd.org)

Lesson: Title, Objective, What doing and how assessed.

Chemical Compounds – Students will be able to name and write the formulas for covalent, ionic, polyatomic and acidic compounds.  
HS-PS1-1. Use the periodic table as a model to predict the relative properties of elements based on the patterns of electrons in the outermost energy level of atoms.  
HS-PS1-3. Plan and conduct an investigation to gather evidence to compare the structure of substances at the bulk scale to infer the strength of electrical forces between particles.

The packet and Sweet 16 Compound Tournament Packet will be collected when we return to school and graded as 10% of their marking period grade

Week 1- Ionic Compounds

1. Complete Compounds Packet Worksheets 2-4, ionic formulas
  - a. Watch videos on Google Classroom on balancing charges

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<p>Lesson 1: Naming Ionic Compounds</p> <p>Lesson 2: Balancing Charges and Writing Formulas</p> <p>Lesson 3: Writing Formulas and Naming Transition Metal Compounds</p> <p>Week 2- Polyatomic Ions</p> <p>Lesson 1: What are Polyatomic Ions?</p> <p>Lesson 2: Writing Formulas and Balancing Charges for Polyatomic Ions</p> <p>Lesson 3: Naming Acids</p> <p>Week 3: Review of Naming Compounds</p> <p>Lesson 1: Review Worksheets with mixed naming of compounds</p> <p>Lesson 2: Sweet 16 Compound Tournament</p>	<p>and formula writing</p> <p>b. Read textbook Chapter 7</p> <p>2. Complete Compounds Packet Worksheets 6-9</p> <p>a. Watch videos linked to Google Classroom on Polyatomic ions</p> <p>b. Watch videos on Google Classroom about naming and writing the formulas for compounds with polyatomic ions</p> <p>c. Watch videos on Google Classroom for naming acids</p> <p>3. Complete Worksheets 10-12 and the Sweet 16 Compound Tournament in the packet as a review.</p>
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