

Home Instruction Packet for (GENERAL SCIENCE)

MR. AMSHEYUS –GENERAL SCIENCE RESOURCE

In this packet are materials and directions.....

Check your e-mail daily. This work will be graded and counted towards your marking period grade. WORK ASSIGNMENTS and SUBMISSION DATES will be posted on GENESIS. A group e-mail will also be sent the day the assignment is issued and its due date.

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: (CAMSHHEYUS@RPSD.ORG)

<p>Week 1-</p> <p>Lesson 1: Naming and writing binary compounds; determining differences in metals and non-metals reactivity.</p> <p>Objective: Balance binary compounds, name binary compounds from formulas; compare reactivity of metals and non-metals within a group or period.</p> <p>Assessed: Send work submitted by email within 24 hours.</p>	<p>PART 1 (1-5) Write the formula for each binary compound. Balance the binary compounds as necessary. These are Metals combined with Non-metals.</p> <p>PART 2 (6-10) Name the binary formula.</p> <p>PART 3 (11-14) Explain why each of the following statements are true.</p> <p>Directions: Read directions and hints carefully, answer questions. Submit work to camsheyus@rpsd.org</p>
<p>Lesson 2: Writing transition metal compounds</p> <p>Objective: Determine the charge of the transition metal; balance the compound.</p> <p>Assessed: Send work submitted by email within 24 hours.</p>	<p>PART 4 (1-10) Write the formula for the following transition metal compounds.</p> <p>Directions: Read directions and hints carefully, answer questions. Submit work to camsheyus@rpsd.org</p>

<p>Week 2-</p> <p>Lesson 1: Naming Transition metal compounds</p> <p>Objective: Analyze a transition metal compound to determine the charge of the transition metal and apply the proper roman numeral when naming.</p> <p>Assessed: Send work submitted by email within 24 hours.</p>	<p>Part 5 (1-9) Write the formula for the transition metal with non-metal compounds.</p> <p>Directions: Read directions and hints carefully, answer questions. Submit work to camsheyus@rpsd.org</p>
<p>Lesson 2: Naming and writing Non-metal compounds.</p> <p>Objective: Utilize prefixes when naming covalent compounds; utilize prefixes to write covalent formulas.</p> <p>Assessed: Send work submitted by email within 24 hours.</p>	<p>Part 6 (1-8) Name the covalent compound given a formula.</p> <p>Part 7 (9-16) Write the formula for the covalent compound.</p> <p>Directions: Read directions and hints carefully. Submit work to camsheyus@rpsd.org</p>
<p>Week 3-</p> <p>Lesson 1 Review naming and writing compounds</p> <p>Objective: Review of writing and naming ionic, transition, covalent, and ternary (polyatomic) compounds</p> <p>Assessed: Send work submitted by email within 24 hours.</p>	<p>Part 8 UNIT REVIEW (1-15)</p> <p>A review of all information covered in parts 1-7.</p> <p>Directions: Read directions and hints carefully. Submit work to camsheyus@rpsd.org</p>

<p>Lesson 2: Formula writing</p> <p>Objective: Interpret chemistry symbols to articulate and write a chemical formula</p> <p>Assessed: Send work submitted by email within 24 hours.</p>	<p>PART 9 Formula writing (1-4)</p> <hr/> <p>Directions: Read directions and hints carefully. Submit work to camsheyus@rpsd.org</p>
<p>Week 4</p> <p>Lesson 1</p> <p>Objective: Applying knowledge of balancing and chemical reactivity</p> <p>Assessed: Send work submitted by email within 24 hours.</p>	<p>PART 10 The application of knowledge: Find the mistake if there is one!</p> <p>Directions: You are given 5 formulas or statements. It is your job to prove or disprove if each of the 5 statements are true or false. You will be graded upon your explanation using logic and reason to draw your conclusion.</p> <p>Directions: Read directions and hints carefully. Submit work to camsheyus@rpsd.org</p> <hr/> <p>IN THE CASE OF INTERNET FAILURE, A HARD COPY OF YOUR ASSIGNMENT MUST BE SUBMITTED UPON YOUR RETURN</p> <p>POWERPOINT PRESENTATIONS are posted on Genesis for your reference.</p> <hr/>