

## Krug Chemistry – Deep Run Daily Planning Guide

Date of Lesson: Q2 Day 18 – Organic Chemistry & Unit 6 Test Review

<b>Topic /Big Questions:</b> ( <a href="#">Question Stems</a> & <a href="#">Question Creation Chart</a> ) <ul style="list-style-type: none"> <li>Which elements are involved in organic compounds?</li> <li>How do functional groups affect the physical and chemical properties?</li> </ul>	
<a href="#">State SOL</a>  CH 3	<b>Unpacking the Standards</b> ( <a href="#">Video explanation shown at 3:18</a> )  CH 3 Carbon is an important element in biological systems and combines with oxygen and hydrogen, as well as other elements to form compounds that are essential for living processes. This class of bonds are called organic compounds
<b>Visible Learning (For the three items with asterisks*, think from a student perspective. Use simple language)</b>	
<b>*What am I learning today?</b> Organic molecules are called hydrocarbons because they contain hydrogen and carbon atoms. Functional groups change the physical and chemical properties of hydrocarbons.	
<b>*Why is it important?</b> Organic molecules are essential for living processes.	
<b>*How will I know I've learned it?</b> I will identify the following functional groups: alkanes, alkenes, alkynes, alcohols, aldehydes, and carboxylic acids.	
<b><a href="#">Differentiation strategies:</a></b>  Organic Chemistry in the Real World PowerPoint  Organic Functional Groups PowerPoint  Types of Organic Formulas PDF  Science Geek Organic Functional Groups Online Practice Quiz  Organic Homework Worksheet  Unit 6 Test Review	
<b>Accommodations and/or modifications are being met for students with IEP's/504's.</b>  frequent checks for understanding; materials available on Schoology	
<b>Daily Plan/Sequence of Instruction:</b>  This lesson will be taught in flipped classroom style. Students will be expected to read though the Organic Chemistry in the Real World PowerPoint and Organic Functional Groups PowerPoint before coming to class. During class, the teacher will briefly review important parts of each PowerPoint. Students will work together to complete the Organic	

Functional Groups online practice quiz (<http://www.sciencegeek.net/APchemistry/organic/functional.htm>) and/ or sort the Organic Functional Group matching cards. Students may use the rest of class time to work on the **Organic Homework worksheet**, their **Lab Extravaganza Post Lab Questions**, or the **Unit 6 Test Review**.

**Assessments (List all [formative](#)/[summative](#) assessments used to check for understanding during this lesson. Summative assessments may occur during a different class period.):**

Organic Homework Worksheet – (summative)

Unit 6 Test Review – (summative)

After assessing today's lesson are you and your students comfortable moving forward with your next objective?

**Yes** – students completed the homework and Unit 6 Test Review with 80% or higher accuracy

**No**, remediation required to proceed – tutoring is available during One Lunch