

**Course:** 7<sup>th</sup> Grade Science/7th Computer Science **Topic:** Structure of Matter **Teacher:** Mr. Heath

**Week:** Nov. 2nd - Nov. 6th

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	Cohort A; Periods 1	Cohort B; Periods 1	Cohort A&B; Periods 1-6	Cohort A; Periods 4,5,6	Cohort B; Periods 4,5,6
<b>Resources and 7thMaterials</b>	*Chromebook/ Laptop/Desktop *Internet *Planner *Paper *Pencil	*Chromebook/ Laptop/Desktop *Internet *Planner *Paper *Pencil	*Chromebook/ Laptop/Desktop *Internet *Planner *Paper *Pencil	*Chromebook/ Laptop/Desktop *Internet *Planner *Paper *Pencil	*Chromebook/ Laptop/Desktop *Internet *Planner *Paper *Pencil
<b>NGSS Standards</b>	<b>Develop models to describe the atomic composition of simple molecules and extended structures.</b>	<b>Develop models to describe the atomic composition of simple molecules and extended structures.</b>	<b>Develop models to describe the atomic composition of simple molecules and extended structures.</b>	<b>Develop a model that predicts and describes changes in particle motion, temperature, and state of a pure substance when thermal energy is added or removed.</b>	<b>Develop a model that predicts and describes changes in particle motion, temperature, and state of a pure substance when thermal energy is added or removed.</b>
<b>Learning Expectations</b>	Scholars will learn that substances are made from different types of atoms, which combine with one another in various ways; and sometimes form molecules that	Scholars will learn that substances are made from different types of atoms, which combine with one another in various ways; and sometimes form molecules that	Scholars will learn that substances are made from different types of atoms, which combine with one another in various ways; and sometimes form molecules that	Scholars will learn that the changes of state that occur with variations in temperature or pressure can be described and predicted using these models of to thousands of atoms.	Scholars will learn that the changes of state that occur with variations in temperature or pressure can be described and predicted using these models of to thousands of atoms.

	range in size from two to thousands of atoms.	range in size from two to thousands of atoms.	range in size from two to thousands of atoms.		
<b>Virtual Class Activities</b>	*Intro to Study Guide for Structure of Matter Unit * Molecular Modeling!	*Intro to Study Guide for Structure of Matter Unit * Molecular Modeling!	*Structure of Matter: MS-PS1-1	*PHeT Simulation *CER	*PHeT Simulation *CER
<b>Daily Assignment</b>	*Study Guide	*Study Guide	N/A	*Develop CER	*Develop CER
<b>Afternoon Support</b>	<b>Cohort B; Periods 4,5,6</b>	<b>Cohort A; Periods 4,5,6</b>	<b>Cohort A&amp;B; Periods 1-6</b>	<b>Cohort B; Periods 1</b>	<b>Cohort A; Periods 1</b>
	*Unit Review Activities; kahoot & Quizlet	*Unit Review Activities; kahoot & Quizlet	*Independent Study	* Review Assessment	* Review Assessment