

Course: 7th Grade Science **Topic:** Structure of Matter **Teacher:** Mr. Heath

Week: Dec 7th - Dec 11th

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	Cohort A: Period 1,	Cohort B: Period 1	Cohort A&B; Periods 1-6	Cohort A; Periods 4, 5, 6	Cohort B; Periods 4, 5, 6
Resources and 7th Materials	*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
NGSS Standards	<p>Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred.</p> <p>Develop models to describe the atomic composition of simple molecules and extended structures.</p>	<p>Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred.</p> <p>Develop models to describe the atomic composition of simple molecules and extended structures.</p>	<p>Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred.</p>	<p>Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred.</p> <p>Develop models to describe the atomic composition of simple molecules and extended structures.</p>	<p>Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred.</p> <p>Develop models to describe the atomic composition of simple molecules and extended structures.</p>

<p>Learning Expectations</p>	<p>Scholars will learn that substances react chemically in characteristic ways. In a chemical process, the atoms that make up the original substances are regrouped into different molecules, and these new substances have different properties from those of the reactants.</p> <p>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 range in size from two to thousands of atoms.</p>	<p>Scholars will learn that substances react chemically in characteristic ways. In a chemical process, the atoms that make up the original substances are regrouped into different molecules, and these new substances have different properties from those of the reactants.</p> <p>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 range in size from two to thousands of atoms.</p>	<p>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 range in size from two to thousands of atoms.</p>	<p>Scholars will learn that substances react chemically in characteristic ways. In a chemical process, the atoms that make up the original substances are regrouped into different molecules, and these new substances have different properties from those of the reactants.</p>	<p>Scholars will learn that substances react chemically in characteristic ways. In a chemical process, the atoms that make up the original substances are regrouped into different molecules, and these new substances have different properties from those of the reactants.</p>
<p>Virtual Class Activities</p>	<p>*Hook Activity *APK Q's *Related article reading</p>	<p>*Hook Activity *APK Q's *Related article reading</p>	<p>* Structure of matter Reading</p>	<p>*Rearranging Atoms *Balancing Equations</p>	<p>*Rearranging Atoms *Balancing Equations</p>

Daily Assignment	*APK questions *Exit Ticket	*APK questions *Exit Ticket	*Reading Notes	*Rearranging Atoms	*Rearranging Atoms
Afternoon Support	Cohort B; Periods 4,5,6	Cohort A; Periods 4,5,6	Cohort A&B; Periods 1-6	Cohort B: Period 1	Cohort A: Period 1
	*Complete PhET states of Matter worksheet & CER	*Complete PhET states of Matter worksheet & CER	None.	*Signs of a Chemical Reaction	*Signs of a Chemical Reaction