Collierville Middle School Learning-At-a-Glance

Teacher's Name: Gitter **Course: 7th Grade Science**

Dates of Learning: **Week 9: Sept. 29 - Oct. 3**

Monday	Tuesday	Wednesday	Thursday	Friday
Standard: 7.PS1.3 - Develop a model to explain how changes to a system can be explained by changes in temperature and/or pressure and the effect of those changes on particle motion and/or spatial arrangement.	**Standard:** 7.PS1.3 - Develop a model to explain how changes to a system can be explained by changes in temperature and/or pressure and the effect of those changes on particle motion and/or spatial arrangement.	**Standard:** 7.PS1.3 - Develop a model to explain how changes to a system can be explained by changes in temperature and/or pressure and the effect of those changes on particle motion and/or spatial arrangement.	**Standard:** 7.PS1.3 - Develop a model to explain how changes to a system can be explained by changes in temperature and/or pressure and the effect of those changes on particle motion and/or spatial arrangement.	**Clash of Dragons!** **Kickball All Day!**
Learning Target(s): I can describe how the atoms behave in different states of matter and name and describe the different ways materials change states of matter.	**Learning Target(s):** I can use a PhET lab simulator to visualize how molecules behave in different phases as pressure changes.	**Learning Target(s):** I can use two different models (phase change diagrams and triple point diagrams) to describe and predict changes in the particle motion, temperature, pressure, and state of an ideal substance with changes in thermal energy.	**Learning Target(s):** I can use two different models (phase change diagrams and triple point diagrams) to describe and predict changes in the particle motion, temperature, pressure, and state of an ideal substance with changes in thermal energy.	
In-class Task(s): **Atoms and the States of Matter Quiz (7.PS1.3)** Collect States of Matter Classwork from last week (Explore 1 on paper, Explore 2 on paper, Eureka video paper, and triangle phase diagram sheet)	**In-class Task(s):** STEMscope 15: Explore 3 "Changes with Pressure"	**In-class Task(s):** Hand back the States of Matter Quiz Modeling Changes of States - Introduction to Phase Change Diagrams and Triple Point Diagrams Triple Point and Phase Change Diagram Stations	**In-class Task(s):** Hand out the study guide Triple Point and Phase Change Diagram Stations	

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Homework: **Location/Platform:** **Due Date:**	**Homework:** Research the melting points and boiling points for any 10 elements from the period table **Location/Platform:** paper **Due Date:** Oct. 1	**Homework:** **Location/Platform:** **Due Date:**	**Homework:** Work on the Study Guide for the test on Tuesday - the test will cover law of conservation of mass and states of matter **Location/Platform:** paper **Due Date:** Tuesday, October 7	

Future Assessments

- Lab Safety Quiz - Friday, August 15
  - Kahoot! For Lab Safety
- Classifying Matter Quiz (7.PS1.1) - Friday, August 29
- Atoms, Molecules, and Mixtures Test (Scope 13) - Friday, September 5
- Law of Conservation of Mass Quiz (Scope 14) - Wednesday, September 17
  - Kahoot! for Law of Conservation of Mass
- Atoms and the States of Matter Quiz (7.PS1.3) - Monday, September 29
- Changes to Matter Test (7.PS1.3 and 7.PS1.4) - Tuesday, October 7

*****These plans are subject to change.*****