

MON. JAN. 8TH

7th Grade Science Solids, Liquids, and Gases

Standards

MS-PS1 Matter and Its Interactions

Objective

Students will be able to explain and demonstrate the motion of particles in a solid, liquid, and gas

Critical Question

How do you describe a solid, liquid, and gas?

Bellringer

Data Interpretation Graph

Engage

Solids, Liquids, and Gases Learning Station Activity:

Station 1 "Read It" - Students read the passage about dry ice and answer the questions
Station 2 "Watch It" - students go to website and watch the video; answer questions to video
Station 3 "Research It" - students will go to the website and read article, answer questions to article
Station 4 "Write It" - students will answer all three questions
Station 5 "Illustrate It" - students draw an image that represents what the atoms will look like in a solid, liquid, and a gas
Station 6 "Organize It" students in groups will organize cards

Assessment

How does the addition of thermal energy relate to the molecule in a substance?

Accommodations & Modifications

- provide larger print for Kyler
- provide Chapter notes for Trevor and Olivia
- Have Riley G. repeat instructions; one on one instruction with Noah to make sure he is on task;

TUE. JAN. 9TH

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Station 6 "Organize It" students in groups will organize cards

Assessment

Kahoot: A student is being dropped off at summer school notices her glasses fog up as she gets out of the air conditioned car. What is this process called?

Accommodations & Modifications

- provide larger print for Kyler
- provide Chapter notes for Trevor and Olivia

WED. JAN. 10TH

7th Grade Science Solids, Liquids, and Gases

Standards

MS-PS1 Matter and Its Interactions

Objective

Students will be able to explain and demonstrate the motion of particles in a solid, liquid, and gas

Critical Question

How do you describe a solid, liquid, and gas?

Bellringer

1. Data Interpretation Graph
2. Turn in assessment quiz

Engage

Solids, Liquids, and Gases Learning Station Activity:

Station 1 "Read It" - Students read the passage about dry ice and answer the questions
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Station 3 "Research It" - students will go to the website and read article, answer questions to article
Station 5 "Illustrate It" - students draw an image that represents what the atoms will look like in a solid, liquid, and a gas
Station 6 "Organize It" students in groups will organize cards

Assessment

1. A nearby pond has what appears to be steam coming off of it after a cold front passes through. What is this process called?
2. The type of energy which has the greatest impact on the state of matter is?

Accommodations & Modifications

- provide larger print for Kyler
- provide Chapter notes for Trevor and Olivia

THU. JAN. 11TH

7th Grade Science Solids, Liquids, and Gases - Lab

Standards

MS-PS1 Matter and Its Interactions

Objective

Students will be able to explain and demonstrate the motion of particles in a solid, liquid, and gas

Critical Question

How do you describe a solid, liquid, and gas?

Bellringer

Data Interpretation Graph

Engage

Dry Ice Lab Activity

🔗 2 Exploration - Solids Liquids and Gases Station Lab.pdf

Assessment

Lab Assessment per Rubric
🔗 Lab Performance Rubric.pdf

Accommodations & Modifications

- provide larger print for Kyler
- provide Chapter notes for Trevor and Olivia
- Have Riley G. repeat instructions; one on one instruction with Noah to make sure he is on task;
- provide additional questions and answers for all students who have below a 70 average or who are requesting extra help

Homework

FRI. JAN. 12TH

7th Grade Science Solids, Liquids, and Gases - Gas Behavior

Standards

MS-PS1 Matter and Its Interactions

Objective

Students will explain how pressure and temperature of a gas are related

Critical Question

1. How are pressure and temperature of a gas related?
2. How are volume and temperature of a gas related?
3. How are pressure and volume of a gas related?

Bellringer

1. Data Interpretation Graph
2. watch video <https://www.youtube.com/watch?v=BxUS1K7xu30>

Engage

Popcorn reading of lesson 3 "Gas Behavior" in book p. 24-27

Assessment

Socratic question on Boyle's law and Charle's Law

Accommodations & Modifications

- provide larger print for Kyler
- provide Chapter notes for Trevor and Olivia
- Have Riley G. repeat instructions; one on one instruction with Noah to make sure he is on task;
- provide additional questions and answers for all students who have below a 70 average or who are requesting extra help

Homework

Finish reading lesson 3 of chapter 3 if we did not in class

- provide additional questions and answers for all students who have below a 70 average or who are requesting extra help
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Notes

2nd - only got to the start of station #2

Homework

Read lesson 1 of Chapter 1 page 8-14

- Have Riley G. repeat instructions; one on one instruction with Noah to make sure he is on task;
 - provide additional questions and answers for all students who have below a 70 average or who are requesting extra help
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Homework

- Have Riley G. repeat instructions; one on one instruction with Noah to make sure he is on task;
 - provide additional questions and answers for all students who have below a 70 average or who are requesting extra help
-

Homework