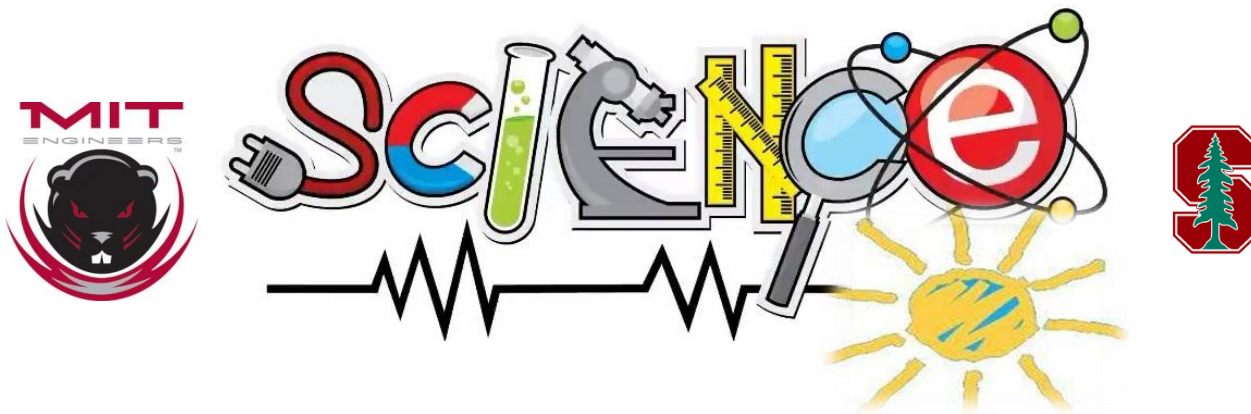




Name _____

5th Grade Science Remote Learning Packet

Week 39



Dear Educator,

My signature is proof that I have reviewed my scholar's work and supported him to the best of my ability to complete all assignments.

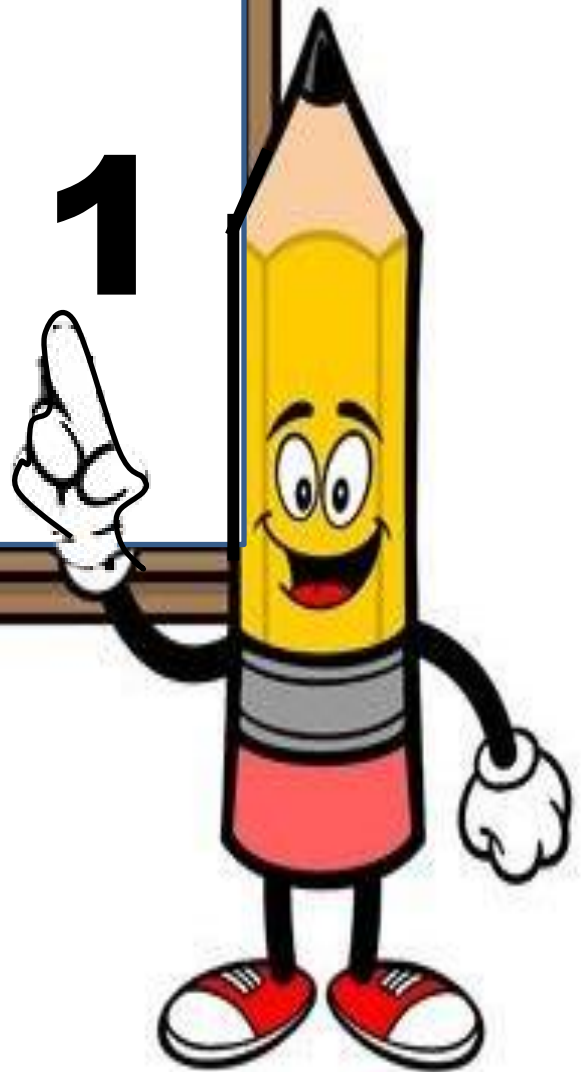
(Parent Signature)

(Date)

Parents please note that all academic packets are also available on our website at www.brighterchoice.org under the heading "Remote Learning." All academic packet assignments are mandatory and must be completed by all scholars.



Day # 1



Name: _____ Week 39 Day 1 Date: _____

BCCS-B

Stanford MIT

Watery Planet

Mystery 3: Can we make it rain?

Question: Answer the mystery question using a complete sentence.

Can we make it rain? Explain. _____

Crash Course Kids #24.1-The Great Aqua Adventure: On the next few lines, take notes from the video to help you answer the question, when you turn on the faucet, where does the water come from?

Vocabulary: Using a dictionary, please write the definition for each word below.

1. **Evaporation:** to change from liquid into a gas
2. **Water vapor:** the gaseous phase of water, produced from evaporation or boiling of liquid water
3. **Condensation:** small drops of water that form on a cold surface; the process by which a gas cools and becomes a liquid

Video: During the video, take notes and answer the discussion questions.

Exploration 1: Notes- _____

Discuss: Imagine you lived in the same town as Pat's brother. What could the town do to solve the problem of running out of fresh water? Do you have any ideas? _____

Exploration 2: Notes- _____

Think & Draw: What makes it rain? How does rain get up into clouds? Draw a picture of your ideas. Label your picture with words describing what you think happens.



Exploration 3: Notes- _____

Discuss 1: Have you ever noticed a situation where water droplets formed on something? Explain the situation. _____

Discuss 2: Where do you think the water droplets came from? Why do you think they formed in these places? _____

What is the process called when water droplets form? _____

Activity Prep: Watch the next video clip explaining what we will be doing for our activity. After the video, answer the exit ticket questions. 😊

EXIT TICKET: When we do our activity tomorrow, do you think we will be able to make it rain? Why or why not? _____

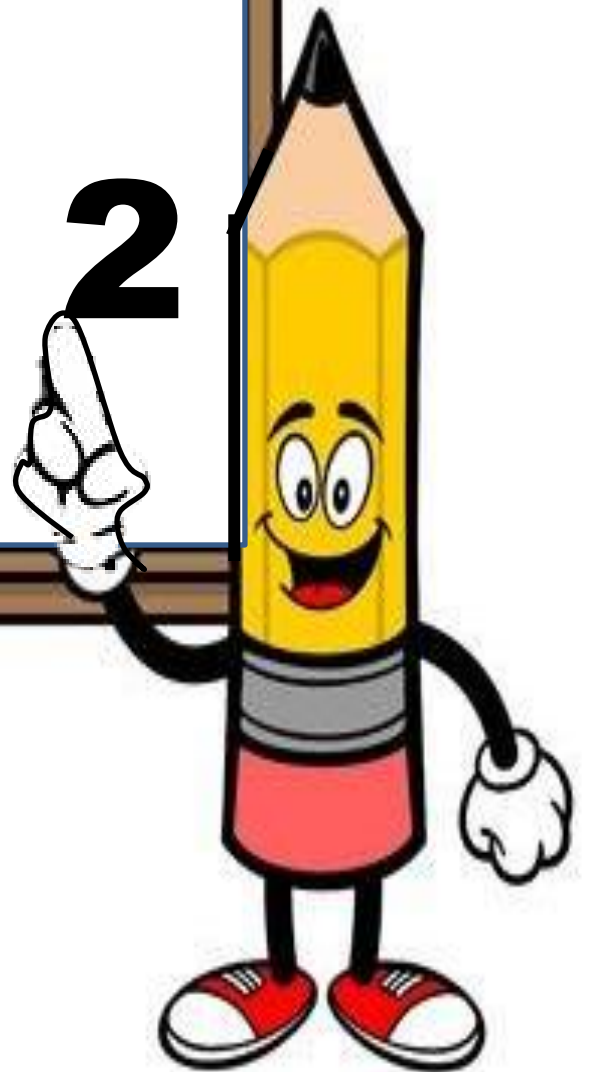
What is the process called when a liquid changes to a gas, specifically for our purposes, water? _____

What is water called in the gas phase? _____

What is the process called when water changes from its gas phase back to its liquid phase? _____



Day # 2



Name: _____ Week 39 Day 2 Date: _____

BCCS-B

Stanford MIT

Rainmaker Experiments (Part 1)

Predict: Which experiment will make rain?

A

B

C

D

A

Bottle/Sky

HOT
COLD



1. Do you see fog anywhere? Look at it closely. It's made of drops of water.

2. Use a pencil to lightly shade areas where you see water drops.

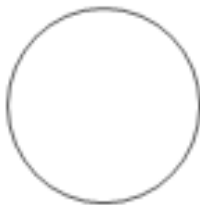
3. Touch the foggy spots. Is the water inside or outside the plastic?

If it's inside, mark the spot with an I.
If it's outside, mark the spot with an O.

Dixie Cup/Ocean

HOT
COLD

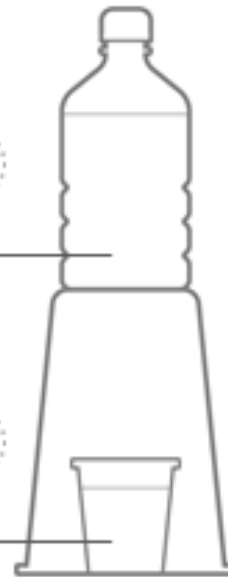
4. Draw what you see on the top of the sky cup when you pick up the bottle.



B

Bottle/Sky

HOT
COLD



1. Do you see fog anywhere? Look at it closely. It's made of drops of water.

2. Use a pencil to lightly shade areas where you see water drops.

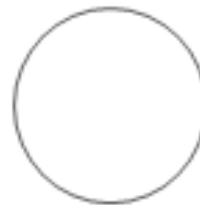
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Dixie Cup/Ocean

HOT
COLD

4. Draw what you see on the top of the sky cup when you pick up the bottle.

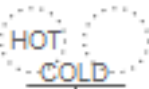


Rainmaker Experiments (Part 2)

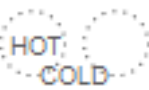
Predict: Which experiment will make rain? **A** **B** **C** **D**

C

Bottle/Sky



Dixie Cup/Ocean



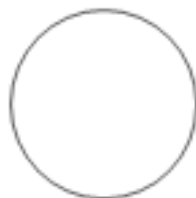
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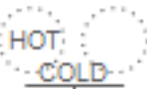
If it's inside, mark the spot with an I.
If it's outside, mark the spot with an O.

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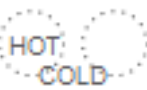


D

Bottle/Sky



Dixie Cup/Ocean



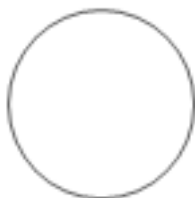
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Scholars, refer to the PowerPoint.



Scholars, refer to the experiment.