

6th Grade Science 2/27/20

EQ: What is evaporation?

CW: Lesson 13.2

HW: No HW

Agenda

- 1) Question of the Day
- 2) Finish Bromine Discussion
- 3) Star Thoughts
- 4) Evaporation Experiment

Open Ended Question



Write silently for 2 minutes. If you were a particle what phase of matter would you prefer to be in? Tell us why!

Bromine



Poll

When are the molecules of bromine moving faster?

- When being cooled
- When being heated

Poll

Are molecules closer together in the gaseous state or the liquid state?

- Closer in the gaseous state
- Closer in the liquid state

Table Talk



Do you think the molecules that went from liquid to gas are from the bottom, middle, or surface (top) of the liquid bromine in the tube?

Open Ended Question

On Monday we observed a balloon of carbon dioxide gas expand when we put the flask in hot water. Would you expect liquids to expand when heated? What about solids?

Star Thoughts

Reading 13.2 - How Do Substances Become Part of the Air? (pg. 124- 127)

Quote:

My Thoughts:

Quote:

My Thoughts:

Main Idea

Quote:

My Thoughts:

Question I still have...

Concentric Circle Sharing

We will form two circles:

- 1) an inside circle facing outward
- 2) an outside circle facing inward

Each person will face a partner in the other circle.

Concentric Circle Sharing

Share your main idea with your partner.

1st: Outside circle

2nd: Inside circle

Concentric Circle Sharing

Share a quote and your thoughts with your partner.

1st: Outside circle

2nd: Inside circle

Concentric Circle Sharing

Share a quote and your thoughts with your partner.

1st: Outside circle

2nd: Inside circle

Concentric Circle Sharing

Share a quote and your thoughts with your partner.

1st: Outside circle

2nd: Inside circle

Concentric Circle Sharing

Share your question with your partner.

1st: Outside circle

2nd: Inside circle

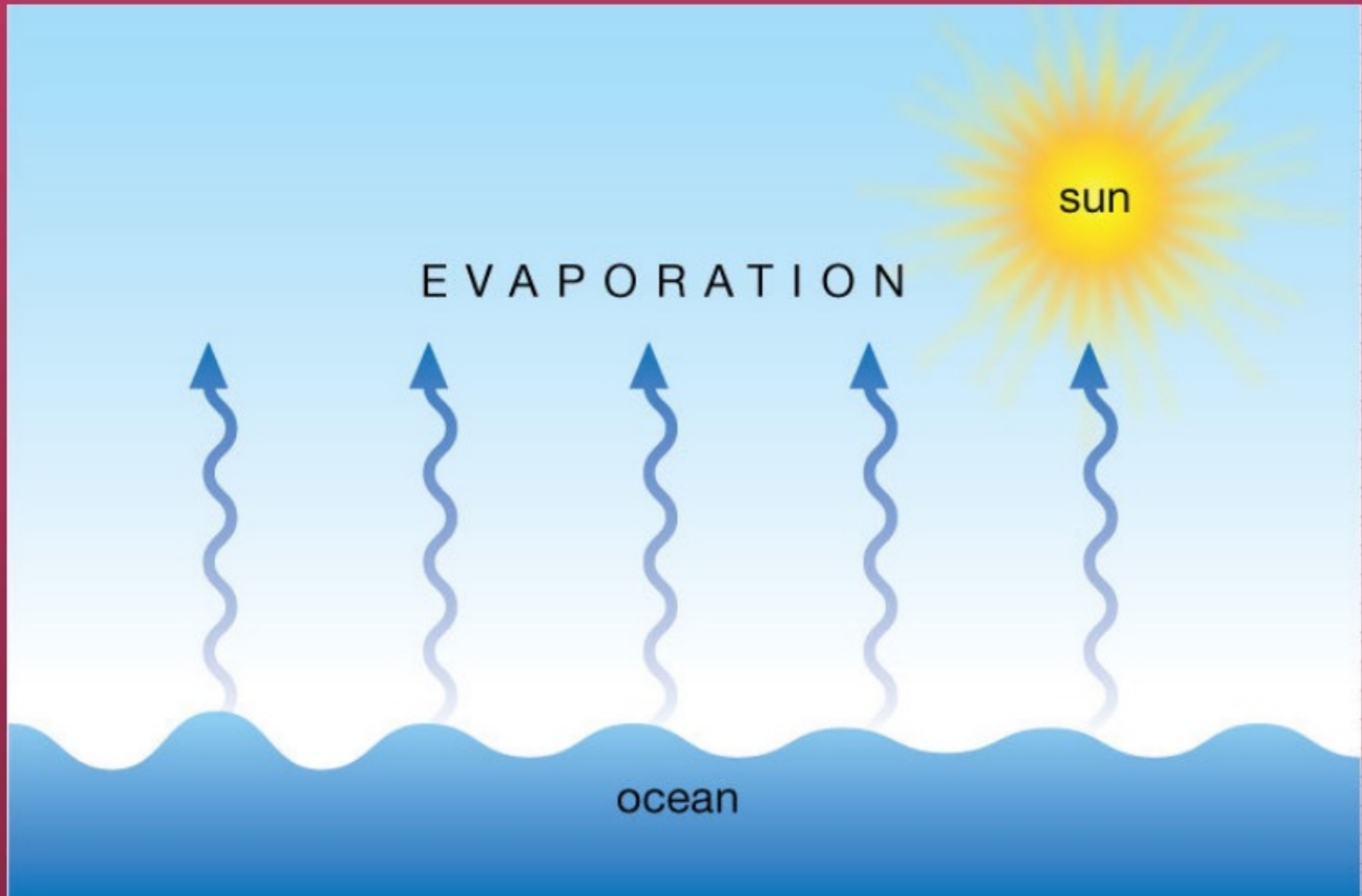
If you were to leave a glass of water out for a week what would happen to the water?





<https://www.youtube.com/embed/GZvnN9D3pkw>

What does *Evaporation* mean?



Which will evaporate faster?



Where will it evaporate faster - on your hand or on your desk?



Open Ended Question

Predict: Which will evaporate faster, rubbing alcohol or water? Where will it evaporate faster, on your hand or on your desk. When you have finished your prediction, raise your hand.

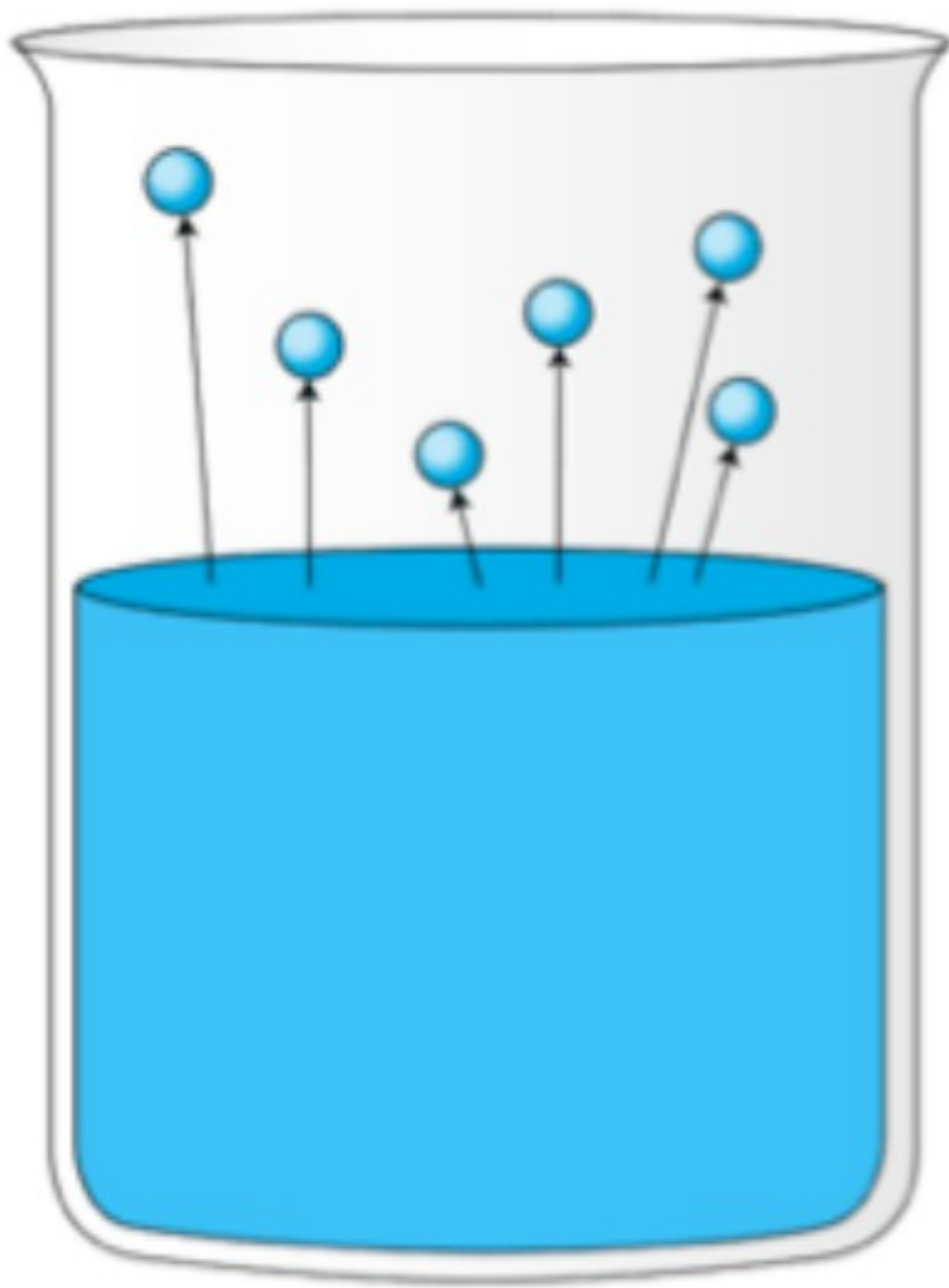
Open Ended Question

Which evaporated faster, the rubbing alcohol or the water? Why do you think this is?

Table Talk

Where did it evaporate faster, on your hand or on the desk? Why do you think that is?

Evaporation



Boiling

