

Y4

Science home learning 10th February 2021

Properties and Changes of Materials

Today it is time to remove your liquids from the freezer!

Before you do, I would like you to predict what you think the liquids will look like. Do you think they will differ? Why, why not?

Now remove the liquids from their containers and take a look. What can you spot? Why do you think they look as they do?

Some things to think about and to help with your explanation about what has happened:

Salt is a mineral.

There are a few minerals that remain in tap water when it has been boiled.

Salt changes the freezing point of water.

Lemonade is carbonated - how can you see this in the frozen lemonade?

Please complete the worksheet that I have attached to record your observations.

Please take a photograph of your work and send it in using Dojo. Thank you 😊

Frozen water with added salt

Prediction

Frozen boiled water

Prediction

Frozen lemonade

Prediction

Frozen liquid

What happened? Why?

water with added salt	
boiled water	
lemonade	