

Science: lesson 1

- ★ I know what happens when liquid is heated.
- ★ I know what happens to the particles when liquid is heated.

What do you notice about the size and shape of puddles throughout the day?

<https://www.youtube.com/watch?v=kmmEV4ohSDA>

Nov 27-10:11

**Evaporation**

*Draw the particles on these diagrams of evaporation.*



The liquid is being \_\_\_\_\_. Heated particles have more \_\_\_\_\_ so they move \_\_\_\_\_ and \_\_\_\_\_ more often. This causes the particles to become more \_\_\_\_\_. The particles change state to form a \_\_\_\_\_. This process is called \_\_\_\_\_.

Using the link below, create notes about the process of evaporation. Use the following terms to explain the process.

faster	slower	heated	gas	liquid
solid	collide	disperse	evaporation	

<https://www.bbc.co.uk/bitesize/topics/zkkg87h/articles/zydxmnb>

Nov 27-10:25

## Science lesson 2




What happens when a gas is cooled?



Investigate!

You will need: 2 plastic cups, some boiling water and an ice cube.

 [https://www.youtube.com/watch?v=iSJ\\_NRcVjpg](https://www.youtube.com/watch?v=iSJ_NRcVjpg)

watch up to 0.46



Science skill:  
observation!

Nov 27-10:29


What did you observe? What did you notice? Use the key words below to help you explain the science.

water droplets form cooling condensation  
warm cold atmosphere

Create a diagram in your book to explain the product of condensation.

Nov 27-10:35


## lesson three: Science

 <https://www.twinkl.co.uk/go/resource/t2-h-5480-changing-states-video>

Watch the video using the above link. Watch the video again and now write down the keywords and notes. You may want to draw diagrams and pictures about the science behind it.

Nov 27-10:39

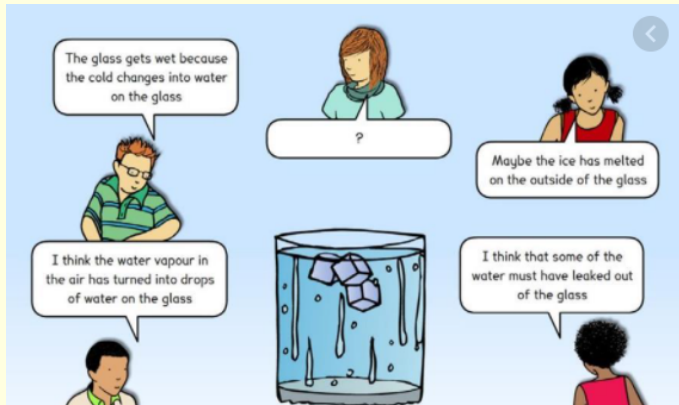
Kahoot! Using the website Kahoot, have a go at answering the questions about 'changing states of matter.' Can you create your own using the keywords from the video?

 <https://create.kahoot.it/details/e51b0db3-1172-435c-a471-a0df1ff4a53f>

Nov 27-10:44

## lesson four: Science

This week we have been learning about how states of matter can change by heating and cooling, otherwise known as evaporation and condensation.



Who do you think is correct and why?

Nov 27-10:46

## lesson four: Science



Who do you think is correct and why?

Nov 27-10:51

lesson four: Science

Create your own 'concept cartoon' using the key terms below.

evaporation      condensation

What misconceptions do you think people will have? How could you address them?

Nov 27-10:54

Nov 27-10:55