



HOME LEARNING

Subject: Science

Time: 50 minutes approx.

Learning Objective: I can recognise changing states of matter

Task 1: (Mrs Latchem and Mr Larrive)

I can explain how a gas turns into a liquid (condensation)

If water vapour (gas) is cooled down, it changes into water (liquid). This change is called condensation. Watch the video 'What is evaporation and condensation?' on the following link <https://www.bbc.co.uk/bitesize/topics/zkkg87h/articles/zydxmnb>



These are just a few real-life examples of condensation.

Water vapor in the air condenses on cool blades of grass, forming dewdrops.



A cold drink "sweats" on a warm day when water vapor in the warm air condenses on the cold glass.



Clouds form when water vapor in the air condenses on dust particles in the atmosphere.

Try to complete the activities below.

Part 1: Multiple Choice: Circle the write answer

Condensation is when...

- a) vapor/gas turns into a liquid
- b) liquids turn into a gas
- c) a solid melts into a liquid
- d) a gas turns into a solid

Condensation happens when...

- a) water vapour suddenly freezes
- b) water droplets form a liquid
- c) water freezes into ice
- d) water heats up into a vapour

Part 2: Fill in the Blanks

Word Bank					
Condensation	water	condenses	vapour	cold	droplets

Condensation occurs when _____ is evaporated and _____ into water droplets. The _____ from the evaporation collects on a _____ surface. This can be seen when a cold soft drink has water _____ on the can. The process of the vapours forming these water droplets is called _____.



Part 3: Describe the Picture: What is happening in the picture

Save your work:

If you are using a computer, open a blank document to do your work (you can use Word or Publisher). Don't forget to SAVE it with your name, the lesson you are doing and the date. For example: T.Smith Maths 8 April

If you would like us to see or mark your work please email it or send a photo of your completed work to: smendez.305@glebe.bromley.sch.uk
Thank you