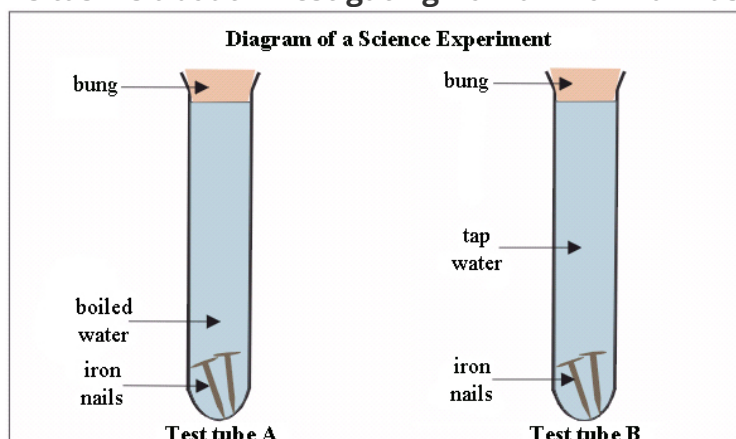


Nail investigation

This task is about investigating how an iron nail rusts.



Information: The boiling of water removes dissolved gases.

a) What is the aim of this experiment?

b) In this experiment, what are **three** variables that need to be kept the same?

1.
2.
3.

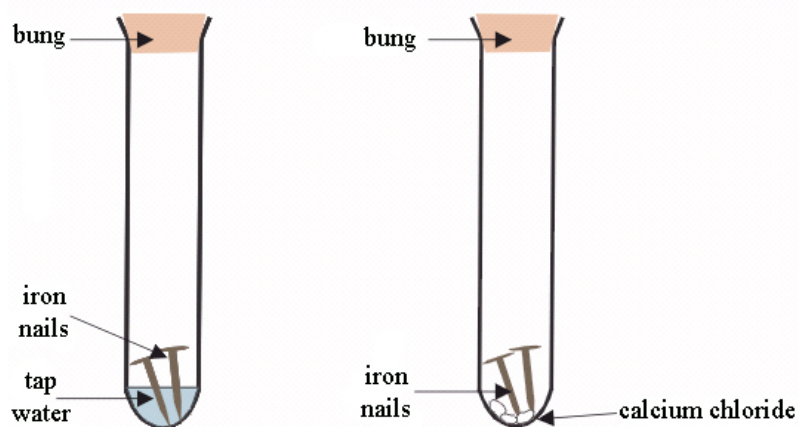
c) Why were two nails used in each test tube?

d) i) At the end of the investigation, the nails in which test tube would have shown the greatest change?

Test tube: *A / B*

ii) Describe what the nails in this test tube would look like.

Information: Calcium chloride is a drying agent, this removes moisture from the air.



e) A second experiment was set up as shown above. What do you think is the aim of this experiment?

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