**Distillation – a particle’s perspective**

Write a short story (around 1 page in your exercise books) of distillation **through the view point of a water particle** in a mixture with another liquid.

Use the level ladder to help your story. You have **two weeks** to complete this homework.

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| --- | --- |
| **Level Ladder- Step to Success** | Tick |
| **Level 4*** Describe what a mixture is
* State what a distillation is used to separate
 |  |
| **Level 5*** Include a diagram of the water particle in a mixture with another liquid
* Describe what happens to the water particles- include keywords such as evaporation and condensation
 |  |
| **Level 6*** Explain how the two liquids are separated by boiling points
* Describe how the particle feels when being boiled and when being condensed.
 |  |
| **Level 7*** Explain and describe how the mixture of liquids is different to the pure collection in the conical flask.
 |  |



 Peer assessment:

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