

Heat and Temperature

Explanatory Video for expansion of liquid

Activity

Students will use the camera app to take a video of their conduct of the experiment to demonstrate the expansion of gaseous matter when it gains heat and use Clips to document and explain the observation they see.

Objectives









Students are able to communicate scientific concepts in an objective manner through the use of multimedia

Extensions

- Students replicate the experiment using ice to make the gas lose heat and record observations
- Students can use the skills learnt to plan and document numerous subject tasks

Have a go



- 1 Open Clips  . Select  to insert recorded video or tap and hold  then slide left to change button to  to capture the video continuously. Tap button to stop recording.
- 2 To edit the recorded clip: tap the clip at the bottom timeline, select Trim (to trim the beginning and the end), Split (to add different effects). To reorder clips: touch and hold a clip in the timeline, then drag it left or right. Once complete the editing of the individual clip, tap Done in the upper-left corner.
- 3 Segment the videos and select  to add Posters between them. Each segment to explain one part of the experiment from gaining heat, to expansion and the outcome
- 4 Tap  , to add text/ labels. Pinch to resize or long press to move the labels. Use labels to explain the different parts of the experiment.
- 5 To export  and save video  to the Camera Roll.

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