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[Home](#) > Is there too much air in chip packets? - Year 5 CLE

Is there too much air in chip packets? - Year 5 CLE

Posted by [sat](#) on Fri, 2017-01-27 13:17

This downloadable resource explores the properties of gases and liquids.

The resource is a Connected Learning Experience in which the students not only explore the properties of gases and liquids but also follow instructions to predict the effect of changing a variable when planning an investigation. They will use equipment in safe ways and improve the accuracy of their results. Students will construct a table to organise data. They will compare their data with their predictions and describe the fairness of the investigation.

This CLE is aimed at enhancing a unit already being taught on the properties of solids, liquids and gases.

Learning intentions

Students will be able to:

- suggest explanations for the observed properties of gases;
- identify when science is used to ask questions and make predictions;
- discuss ways to conduct investigations and safely use equipment to make and record observations;
- use tables to organise their data and identify patterns in data;
- suggest explanations for observations and compare their findings with their predictions;
- suggest reasons why their methods were fair or not; and
- complete simple reports to communicate their methods and findings.

Australian Curriculum v9 Codes: AC9S5U04 (Year 5)

Tags:

Connected Learning Experience

gas

liquid

solid

CLE

mass of a gas

weighing the air

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Properties of matter

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