



ASSIST

AUSTRALIAN SCHOOL SCIENCE
INFORMATION SUPPORT FOR
TEACHERS AND TECHNICIANS

Published on ASSIST (<https://assist.asta.edu.au>)

[Home](#) > Popcorn, pikelets and chemical reactions - Year 9 CLE

Popcorn, pikelets and chemical reactions - Year 9 CLE

Posted by [sat](#) on Wed, 2016-10-12 08:23

This Connected Learning Experience looks at chemical reactions.

Description: In this investigation, students explore important chemical reactions such as neutralisation and combustion and their application in our world. Students will review the signs that indicate a chemical reaction has taken place and then apply this knowledge to their investigations.

Learning intentions

Students will be able to:

- recall the signs that a chemical reaction has taken place
- explain the formation of new substances in a chemical reaction is due to a rearrangement of the atoms
- investigate changes to determine if a chemical reaction has taken place
- plan appropriate investigation methods to determine which combination of ingredients produces a gas and the impact of stirring on chemical reactions in pikelets, taking account of fair testing
- make careful and accurate observations
- construct conclusions based on evidence
- describe examples of important chemical reactions.

Australian Curriculum v9 Codes: AC9S8U07 (Year 8), AC9S10U07 (Year 10)

Tags:

[chemical change](#)

[chemical sciences](#)

[types of reactions](#)

[reaction](#)

[signs](#)

[Practical investigation](#)

[chemistry](#)

[Year 9](#)

External Link:

[Popcorn, pikelets and chemical reactions - Year 9 CLE](#)

Source Category:

ASSIST

Popcorn, pikelets and chemical reactions - Year 9 CLE

Image not found

file:///var/www/vhosts/assist.asta.edu.au/httpdocs/sites/assist.asta.edu.au/files/styles/desktop_resource_details_view/public/Popcorn_detailed_image.jpg?it



No votes yet

Publication Date:

October, 2016

Chemical reactions

Source URL: <https://assist.asta.edu.au/resource/4095/popcorn-pikelets-and-chemical-reactions-year-9-cle?page=4>