

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

[Home](#) > The Penguin Project - Year 3 CLE

The Penguin Project - Year 3 CLE

Posted by [sat](#) on Fri, 2015-07-03 13:29

This online resource helps teach the transference of heat to Year 3s.

Developed by Science ASSIST, this Connected Learning Experience (CLE) focuses on heat transfer and heat insulators designed for younger students.

It also includes examples of how the investigations and activities can be adjusted to cater for students with diverse needs so they can access and participate as well.

Description

In this investigation, heat transfer and heat insulators are investigated in the context of emperor penguins who huddle together to reduce heat lost from their bodies to the surrounding cold air.

Learning intentions:

Students will be able to:

- observe and explain that heat can transfer from one object to another
- understand that scientists search for patterns in data and use these observations to explain everyday phenomena
- make accurate observations
- record and represent observations
- identify patterns from observations

The SVG-based diagram that this link takes you to is best viewed with a browser other than Internet Explorer.

Tags:

[heat](#)

[transfer](#)

[energy](#)

[Practical investigation](#)

[Connected Learning Experience](#)

[insulators](#)

[Year 3](#)

physical sciences

External Link:

The Penguin Project - Year 3 CLE

Source Category:

ASSIST

The Penguin Project - Year 3 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/Emperor-Penguin-Stock-Photo-



Average: 4.5 (4 votes)

Publication Date:

July, 2015

Heat transfer

Source URL:<https://assist.asta.edu.au/resource/2984/penguin-project-year-3-cle?page=62>