

Ice shelves in Antarctica

Activities for KS5:

Listen to the podcast recording by Prof Julian Dowdeswell, Director of the Scott Polar Research Institute.

As you are listening to the podcast use the 'Cornell method' of note taking displayed below.

Topic: _____	Name: _____
Source: _____	Class: _____
	Period: _____
Questions	Notes
Summary	

Once you have finished complete the following tasks:

- Snowball your questions – firstly in pairs, then in groups of four – amalgamate your questions and come up with two final questions. As class, share these and discuss the answers.
- Draw a diagram of what you think happens when a large ice shelf, such as Larsen C breaks away. Think about mass balance and what will happen to the ice that was being supported by the ice shelf.
- Follow the iceberg
 - Larsen C is not the only ice that is on the move. An iceberg (A680 which is four times the size of Greater London has also broken away in the Weddell Sea.
 - Read the article <https://www.bbc.co.uk/news/science-environment-40635883> or watch <https://www.youtube.com/watch?v=8E3J2X1YnIE>
 - Using <https://www.youtube.com/watch?v=YvJ0fiALwz4> and satellite images from the gallery of images on www.rgs.org/wse describe how the iceberg has moved since it broke away in July 2017