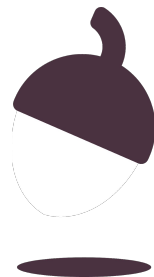


Geography

# The Geographical Case - Map Projections

## Downloadable Resource

Mr Dominic May



**OAK**  
NATIONAL  
ACADEMY

# Task 1 - answer the following questions. You will need a pen and paper.

## Question 1

What is a map projection?

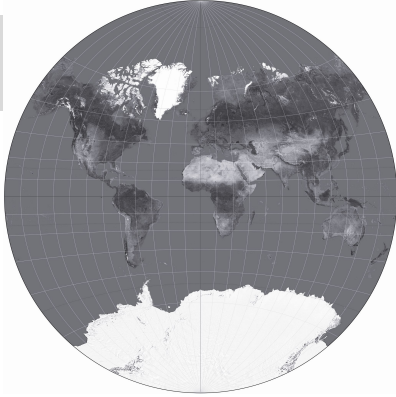
## Question 2

What aspects of mapmaking do cartographers have to compromise over in creating projections?

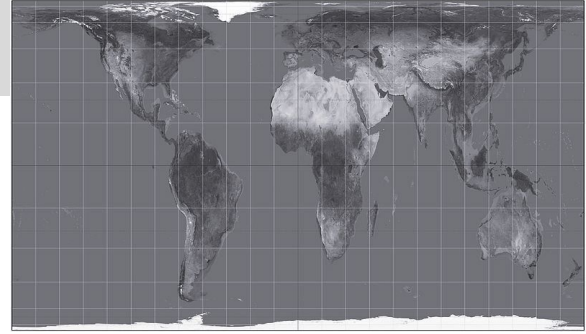


## Task 2 - Which of the following shows the Peters projection?

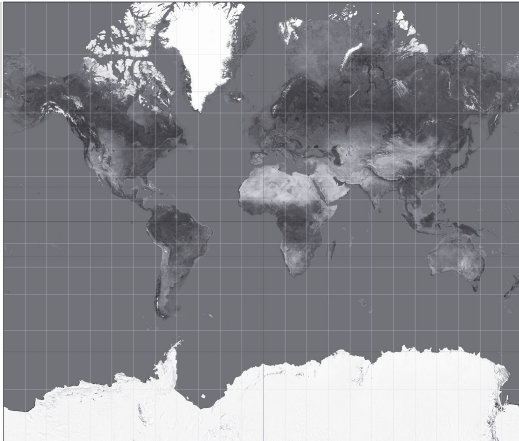
A



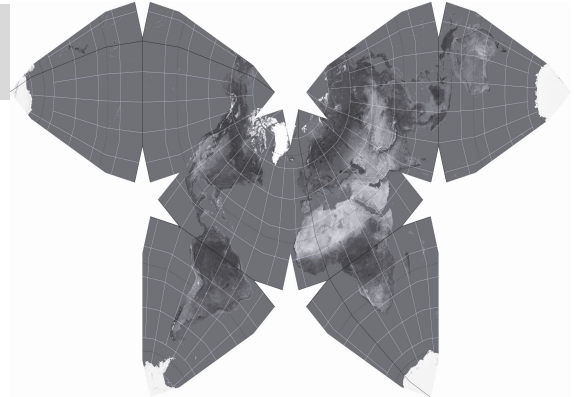
B



C



D



All images - Wikimedia Commons



# Task 3 - Mercator vs Peters

Complete the table below using information from the lesson about the positives and negatives of both projections

Mercator projection		Peters projection	
Positives	Negatives	Positives	Negatives
<i>E.g. The Mercator projection shows the correct shapes of countries. This makes it a reliable map to learn about what countries look like.</i>			



## Task 4 - Answer these questions

### Question 1

Why do you think using the Mercator projection may cause issues between countries around the world?

*Hint: Think about what the Mercator map does to the size of countries at the Equator.*

### Question 2

Why are both map projections not very useful for navigating the poles?

*Hint: Think about the way this map is a cylindrical map. This means the Arctic and Antarctic run along the top and the bottom of the whole map.*

