



Article Guide: A hot, dry summer has led to drought in Europe in 2018

<http://scienceovereverything.com/2018/09/13/europe-drought-2018/>

Part 1:

Directions:

- Read the entire article “A hot, dry summer has led to drought in Europe in 2018” to yourself
 - Box vocabulary words or words that you have not seen before
 - Underline in the text where the focus questions are addressed
- Answer each focus question

Focus questions

1. How hot have the temperatures been in near the Arctic Circle? How is this different than the historical average?

2. By what percent are crop yields expected to decrease in Sweden, Poland, Estonia, and Germany?

3. What atmospheric conditions led to the high temperatures and drought?

Part 2:

Directions:

- Read each understanding question
 - Think about what you would need to know to answer that question
- Read the article a second time with a partner.
 - Answer each understanding question

Understanding questions

1. What could be the consequences of a sustained heat wave in the Arctic Circle?

2. Based on the preliminary research, did climate change cause the abnormal weather in Europe this year?

Part 3:

Directions:

- Read the article a final time as a class.
- Discuss as a large group how you would address the extension question
 - Write a response to the extension question

Extension Question

While this summer was unbearable for most Europeans, sustained heat waves and drought have a significant economic impact. If you were the top economic advisor to the president of a European country, how would you expect the abnormally hot and dry weather to affect the average person? What sort of policies would you recommend helping the financial situation of your citizens?
