Science Seminar

with Barbara Barnhart and Dr Olivia Long

Talking points

Knowledge

1. What are Science Seminars, and who do they involve?

Comprehension

- 2. How did Barbara and Olivia decide which skills to focus the
- 3. What range of skills are they teaching, and how are they teaching them?

Application

4. What questions would you ask the surgeons who took tissue samples from Henrietta Lacks if you could talk to them? Why do you think they did what they did?

Analysis

- 5. What was the difference between the written arguments of students who changed their opinion on biological tissue ownership, compared to those who did not change their opinion? What does this show about their learning?
- 6. Only 51.8% of non-Science Seminar students returned as science majors after their first year. Why do you think this is? What reasons might lead to students dropping out of college or changing majors?

Evaluation

7. Why do you think the transition to university might be difficult? If you were a first-year student, to what extent would the Science Seminars help you with this transition? Which of the objectives would you like to focus on, and why?



• Both BBC Bitesize and the University of Exeter have a quiz on discerning between reliable and unreliable sources of information. Have a go at them here: www.bbc.co.uk/bitesize/ topics/zv8myrd/articles/zvwqdp3 and libguides.exeter.ac.uk/ evaluatinginformation

Activities

1. Who owns your biological tissues?

give a summary of the story and an overview of the main themes and questions raised: www.shortform.com/summary/the-immortal-life-of-henrietta-lacks-summary-rebecca-skloot and www.litcharts.com/lit/the-immortal-life-of-henrietta-lacks/summary.

- Back up your arguments with evidence from reliable sources.
 Consider multiple perspectives from different people, even if you do not agree with these viewpoints. What can you learn from them, regardless?

- 2. Biological tissue as a body part, similar to a toe, leg or kidney.

How do these frames change the way you think of biological tissue and who

Once you are prepared, have the discussion with your classmates or present your research to a group. Afterwards, reflect on what you learnt and whether your own opinion on biological tissue ownership has changed.

2. 'Five Graduate School Requirements'

Minimum QPA needed to apply:

Application service used?:

preparation and graduate school choice?