Read ‘A window into a scientist life’

Please read the PFD paper

Answer the following questions:

1. How do you define student-centered education?
2. Have you experienced student-centered education as a student?
3. When and how (in what manner) do you provide scientific background or core knowledge?
4. How is the balance between content/core knowledge delivery and student-centered activities achieved?
5. Do you use student-centered activities for the students to find out about science, or to apply the scientific knowledge received in class?
6. Are your students comfortable with student-centered activities?
7. How would you define the nature of science?
8. Do you take into consideration and include the NOS when designing your curriculum?
9. Give an example of inquiry teaching.
10. Is there a similarity or difference between student-centered education and inquiry?
11. What have you experienced in terms of providing content by inquiry?
12. What do you think are the scientific practices?
13. Do you use or teach your students these practices? When and how?
14. What elements do you take into account to select and plan the type of class activities?
15. What do you think practice-oriented approach to inquiry-based learning means?
16. What are the main points of learning progression theory?
17. Would you comment on the idea of ‘stepping stones’?
18. What would be the +/\_ in adopting LP ideas when teaching science?
19. Please ask any questions, clarification, etc. in the forum.