

Exploring your initial thoughts about teaching and learning!

Rank your thoughts about each of the following statements on a scale from 1 to 5, where 1 indicates that you strongly agree and 5 indicates that you strongly disagree. Resist ranking something as “Neutral” because you feel it does not apply to your teaching and learning at all times.

The more honest you are with yourself, the more you will get out of it.

1. College students are adults; it is not my responsibility to make them learn the material.

Strongly Agree		Neutral		Strongly Disagree
1	2	3	4	5

2. It is appropriate to allocate time to activities designed to excite students about astronomy (e.g., videos or guest speakers) even if that material is not covered on the exam.

Strongly Agree		Neutral		Strongly Disagree
1	2	3	4	5

3. It is critical that lecture is used to prepare students for in-class activities and homework.

Strongly Agree		Neutral		Strongly Disagree
1	2	3	4	5

4. I can tell what my students do and do-not understand while I am lecturing.

Strongly Agree		Neutral		Strongly Disagree
1	2	3	4	5

5. If students do not want to work in my class it is not my responsibility to get them to engage with an activity we are doing.

Strongly Agree		Neutral		Strongly Disagree
1	2	3	4	5

6. Students should not be surprised by the content of the questions on their exam.

Strongly Agree		Neutral		Strongly Disagree
1	2	3	4	5

7. A conceptually challenging course in which students do very little calculations or arithmetic is inappropriate for college students.

Strongly Agree		Neutral		Strongly Disagree
1	2	3	4	5

8. It is nearly impossible to create a learner-centered environment in a large enrollment Intro Astronomy classroom.

Strongly Agree		Neutral		Strongly Disagree
1	2	3	4	5

9. An Intro Astronomy course that makes students work through hard problems typically will have a lower evaluation than one that students think is easy.

Strongly Agree		Neutral		Strongly Disagree
1	2	3	4	5

10. Students need to receive credit for doing in-class activities if we expect them to be engaged.

Strongly Agree		Neutral		Strongly Disagree
1	2	3	4	5

11. What appears on an exam must also have been covered during lecture.

Strongly Agree		Neutral		Strongly Disagree
1	2	3	4	5

12. Simply having students talk to each other during class time will increase student understanding beyond what lecture provides.

Strongly Agree		Neutral		Strongly Disagree
1	2	3	4	5

13. Learner-centered teaching strategies work well for most students regardless of their gender or ethnic background.

Strongly Agree		Neutral		Strongly Disagree
1	2	3	4	5

14. A clear, concise, and well-organized explanation is typically all that is needed to get students to understand difficult new concepts.

Strongly Agree		Neutral		Strongly Disagree
1	2	3	4	5

15. It is best to do learner-centered activities with your students before lecturing on the concept.

Strongly Agree		Neutral		Strongly Disagree
1	2	3	4	5