

Group Work (Action Research)

Below are some questions that can help guide and get you started on an Action Research (AR) project with your students. Additional resources are included at the end.

1. What is the issue or topic that is important to you?
2. How is this issue important to others in your group today? (Community Engagement)
3. What policies does your school have around researching your own teaching?
4. What categories of students might be more vulnerable in this situation, such as students with disabilities, low-income students, students of a particular gender or race, non-native speakers/readers of English? (Social Justice)
5. How can you involve your students in helping to find a solution? (Democratic Participation)

6. How can you involve other educators at your school? (Community Engagement)

7. How can you involve administrators at your school? (Community Engagement)

8. How can you involve parents or other stakeholders at your school? (Community Engagement)

9. How can you continue to engage with the wider physics education community outside your school as you investigate the above items? (Community Engagement)

Sharing Results

- If you wish to share your results outside of your school, focusing on your own actions and personal betterment may not require any approval.
- If you wish to share results about your students, then follow school policies, talk with your principal, and talk with someone in higher education to have an Institutional Review Board review the relevant ethics (including informed consent/assent) of the study.

Suggested Reading

Mertler, Craig A. (2014/2017). *Action research: Improving schools and empowering educators* (4th /5th edition). Thousand Oaks, California: SAGE Publications.