

Critical Appraisal Tool (CAT)

Article to be appraised:

Author/s (year) title. Journal, page numbers.

1. Does the study clearly state its aim/s? (e.g. to describe classroom practice, to capture students' views/measure students' motivation, test the effectiveness of a specific approach, etc)

☐ Yes



What are they? _____

☐ I don't know

☐ No

2. Did the study use quantitative, qualitative or mixed methods?

☐ Quantitative

☐ Qualitative

☐ Mixed

Add comments about the design here:

Is qualitative or
quantitative data
needed to respond
to the research
question?

3. Are the research methods appropriate for the study's aims?

☐ Yes

☐ I don't know

☐ No

Add comments about the methods here:

What methods
were used (e.g.
observation/
interview)? What
insights can we
gain from them?

4. Who were the participants? Were they representative? How similar are they to your students?

Add notes about participant here:

5. What are the overall results of the study?

Add the main results here:

6. Are the results credible (i.e. was data triangulated, did researchers have repeated contact with participants, was peer debriefing used, etc.)

- ☐ Yes
- ☐ I don't know
- ☐ No

7. Are limitations of the study described?

- ☐ Yes
- ☐ I don't know
- ☐ No

8. Are the conclusions the authors draw from their findings appropriate?

- ☐ Yes
- ☐ I don't know
- ☐ No

Add comments about conclusions here:

9. Are the findings relevant to your context?

- ☐ Yes
- ☐ I don't know
- ☐ No

Add comments about the relevance of findings to your context here:

10. Were all important outcomes considered? (e.g. was impact on student motivation or interaction with other methods considered?)

- ☐ Yes
- ☐ I don't know
- ☐ No

Add comments about outcomes here:

Impact on practice:

- ☐ I have increased my knowledge of _____ from reading this article
- ☐ I have a better understanding of the qualitative research process from reading this article
- ☐ I have a greater understanding of how to apply research findings to practice from reading and discussing this article

List at least one thing that you learnt from this study:

- 1.
- 2.
- 3.

List at least one way you could apply the findings from this study to your teaching practice:

- 1.
- 2.
- 3.

Overall, how would you rate this study? (1 = low merit, 5 = high merit)

- ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

Overall, how much of an impact do you think this research will have on your practice? (1 = low impact, 5 = high impact):

- ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

References

Critical Appraisal Skills Programme (2018). CASP Qualitative Checklist. Available at:
<https://casp-uk.net/wp-content/uploads/2018/01/CASP-Qualitative-Checklist-2018.pdf>

Jeanfreau SG and Jack L Jr (2010). Appraising qualitative research in health education: guidelines for public health educators. *Health promotion practice*, 11(5), 612–617. <https://doi.org/10.1177/1524839910363537>