

# Online Seminar on Undergraduate Mathematics Education

## Implementing projects in abstract algebra

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In the preface to his textbook *Abstract Algebra*, Herstein states that “there is little purpose served in studying some abstract algebra object without seeing some non-trivial consequences of the study.” Sharing this sentiment, I have created a variety of projects to supplement my abstract algebra courses. The projects are designed to build intuition and reveal the relevance of the subject. I will present a sampling of my projects, along with the philosophy behind them, how I implement them, and student feedback.

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Zoom link: <https://cornell.zoom.us/j/92415199317>, passcode olsume

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