

Research Question(s)

This study will be guided by the main research question and one subsequent question:

How do teachers perceive STEM education in early childhood?

Does this change after completing a STEM integrated unit?

Pre-Unit Questions

1. What is your opinion about the importance of STEM in early childhood education?
2. What are your views on integrating STEM into the early childhood curriculum?
3. Do you think there is value in introducing STEM as early as age 3? Why or why not?
4. Describe in detail what STEM in your classroom looks like now.
5. Do you feel comfortable integrating STEM lessons into your existing curriculum? Why or why not?
6. What supports do you feel you need to be able to integrate STEM lessons?

Post-Unit Questions

1. Describe in detail what changes, if any, you had to make to the lesson for your students.
2. Describe in detail what changes, if any, you would like to make to your classroom after participating in this study.
3. Has your opinion of the value of STEM in early childhood education changed? Explain.
4. Do you feel comfortable integrating STEM lessons into your existing curriculum?
5. Do you feel more comfortable integrating STEM lessons now that you've tried it? Why or why not?

6. What supports do you feel you need to be able to integrate STEM lessons?

Journaling

Participants will be asked to keep a journal detailing how they feel throughout the unit. This will help participants recall their day to day feelings and better support their responses for the post-unit survey.