

Seminar Course on Research on Multiplicative thinking and Algebra Learning

Instructors: K. Subramaniam, Shweta Naik

Credits: 4

Duration: 15 weeks

Time: Meetings will be held mostly on Saturdays for 2 to 3 hours (about 10 sessions). There may be whole day workshops scheduled once or twice during the semester.

Beginning Date: 19th or 21st August 2017 (TBC)

End Date: 30th November 2017

Participants: Currently, Jayasree Subramanian (for credit)

The aim of this seminar course is to get an overview of important research in the field by reading research reviews, set up research questions of interest and do more targeted and in-depth reading and presentation of research related to the research questions. Some data collection, analysis and presentation followed by write-up, which is in the nature of preliminary research, is expected of the participants.

This is an advanced course. The pre-requisites will be basic familiarity with maths education research literature, ability to read and digest research literature of considerable volume, formulate research questions and write research reviews.

Assessment:

- Initial research reviews
- Formulating research questions and reviewing related research
- Preliminary research write-up