

Mathpartners Training Overview

We have created a set of mathematics tutor training materials that are designed to guide a tutor trainer or coordinator through 12 hours of tutor training, broken into 5 sessions to be used over the course of a year.

Session One lasts 3 hours and is meant to occur before the tutors have begun meeting with students. During this session tutors learn about the logistics of the tutoring program in which they are participating, explore the resources available in the Mathpartners materials, do one of the Mathpartners activities together and see a video image of its use during a tutoring session, and learn about Mathpartners pre-assessment materials to use when getting started with students.

Session Two also lasts 3 hours, and can either be completed before tutors begin their work with students or near the beginning of the tutoring year, after the tutors have had tutoring experiences to draw from. This session focuses on an algebra activity and a number activity. Tutors have the chance to discuss behavioral and conceptual difficulties after viewing a tutoring session on video. They simulate a mentoring session in pairs, and they take some time to plan a tutoring session with a fellow tutor.

Session Three, **Session Four**, and **Session Five** are each two hours in length and are designed to allow the tutors to continue to reflect on their experiences throughout the year. Each session consists of time for watching a particular video segment and using guiding questions to explore behavioral problems and conceptual difficulties as well as strategies used by tutors. The other component of each of these sessions is a segment devoted to discussions and activities related to the experiences of the tutors in their work with students. A toolkit of such activities is provided so the trainer can choose which activity will best match up with the tutors experiences and questions.