Specific activities performed by STLF

1) Professional development
   - Attended weekly STLF meetings (29 sep, 6 oct).
   - Attended weekly Reading Group meetings (21 sep, 28 sep, 5 oct, 12 oct).

2) Department meetings/activity
   - none

3) MATH SEI general meetings/activity
   - Meeting with other Math STLFs (27 sep, 3 oct, 12 oct)
   - Attended Math STLF reading group (19 sep)

4) Course-specific meetings/activities

   **Math 230 – Finite mathematics course (Math for future elementary school teachers)**
   - Met with Steph van Willigenburg (16 sep, 23 sep, Sep 30). Meetings were dedicated to distilling learning goals for each subsequent week and homework set. First version of learning goals - up to midterm 1 - has now been compiled and posted as part of preparation for Midterm 1.
   - Reviewed and made recommendation for the remedial math material connected with the course. Recommendations have been posted online for students’ review.
   - Contacted Malgorzata Dubiel of SFU and requested geometry activities to be used in Math230 course in the future
   - Interviewed Andrew Adler, one of the founders of the original Math230 and 335 courses. (Sep 23)
   - Interviewed Djun Kim, one of the past Math230 instructors. Djun has recommended a list of resources and gave access to data he collected while teaching.
   - Literature review:
     - A trial copy of ‘Mathematics for Elementary Teachers’ by Sybilla Beckman has arrived on Oct 11 and will now be reviewed. This book is written in problem-solving approach.
Math 220 – Introduction to proof

• Met with Andrew Rechnitzer (Sep 26). Discussed midterm 1 review workshop. We now have “fake proofs” in the problem sets - for students to practice analyzing logical fallacies in the proofs.
• Athena and I gave a pre-midterm review workshop.
• Diagnostic test has been given in both sections of Math220; the results were analyzed and summary reports given back to instructors.
• Attendance numbers have remained steady - about 6-7 students per workshop.

Current Project Status (material prepared STLF and/or other members of MATH SEI group)

Math 220 – Introduction to proof

Learning Goals: No changes to the existing document have been made.
Assessments:
• no new assessments were created.

New Methods/Materials:
• Workshop sets 1 through 5 are finished are finished.

Math 230 – Finite Mathematics

Learning Goals: Learning goals for first 4 weeks and 4 homework sets were created and posted for students’ referral before midterm 1 exam.
Assessments:
• No new assessments were created.

New Methods/Materials:
• No new materials were tried.

Plan for immediate future work

Math 220 – Introduction to Proof
1 Finish problem set 6 - functions.
2 Analyze correlation between the diagnostic test - or specific sections of it - and midterm 1 performance.
3 Put questions about the workshops on the midterm survey - if such be given in the course.

Math 230 – Finite Mathematics
1 Continue writing learning goals.
2 Meet with Dr Cyntia Nicol of the Department of Education to discuss further course development.
3 Plan for conducting student interviews, with permission of course instructor. Decide on questions and goals of such interviews, the time to conduct them (before course is over? afterwards?)
4 Analyze correlation between the diagnostic test - or specific sections of it - and the course performance.