Setting Clear Expectations:

For this activity, you will be placed in collaborative groups of five (or six) teachers. Each group will select a grade-band appropriate mathematics concept. You will have nearly five hours to generate, revise, and submit a series of interconnected, mathematically sound, student-centered and problem-based learning experiences for students that target learning goals related to your mathematics concept.

You may pull from, tweak, and adapt a wide range of resources at your disposal. But you must cite the original source of any portion of your learning experience that is not your own.

Each working team will submit the following to your MTI Facilitator by the end of Day Five:

- A cover page that lists all team members’ name, email address, Learning Experience Concept, and Target Grade Level.

- A series of FOUR (or FIVE) separate but coherent activities that target your mathematical concept. The summary of each learning experience must contain the following elements:
  - Activity / Lesson Title,
  - Appropriate Learning Goals for Students,
  - Two paragraphs that detail how the Learning Experience SPECIFICALLY connects to the chosen concept,
  - Appropriate CCSSM Grade-level Standards for the Learning Experience that span all of the content domains (Number and Operation in Base Ten, Number and Operations – Fractions, Operations and Algebraic Thinking, Geometry, Measurement and Data)
  - A two paragraph justification of the TWO most relevant Mathematical Practice(s) in the Learning Experience,
  - Materials / Handouts Necessary to implement / complete the Learning Experience in a classroom
  - Procedures and Guiding Questions that explicate how the Learning Experience(s) will unfold in a classroom? (What are students doing? What is the teacher doing?)
  - Adaptations for students at both ends of the spectrum
  - Learning Experience Assessment Plan
  - Your Source for the Activity (if not your original idea)