TLEF Evaluation – Impact Indicators and Sources of Evidence

1. Intended outcomes - What areas are you expecting to change?
   a. Indicators - What impact are you seeking to achieve? What are you measuring?
      i. Evaluation approaches - What sources of evidence could you tap into?

1. Actions and behaviours (e.g., time on task, enrolment)
   a. Attendance
      i. Observation
      ii. Self-reports
      iii. System logs
      iv. Clickers
   b. Time on task
      i. System logs
      ii. Self-reports
   c. Enrolment
      i. Course registration
   d. Forum activity
      i. Who posts and how often?
      ii. Who talks with whom? (social network analysis)
   e. Participation
      i. Observations
      ii. Clickers

2. Attitudes and motivation (e.g., satisfaction with course, perceptions about discipline)
   a. Satisfaction
      i. SEOT (Course Eval)
      ii. Self-report surveys and feedback
   b. Perceptions about discipline
      i. Self-report surveys
      ii. Interviews
   c. Confidence, self-efficacy
      i. Survey (standardized)
      ii. Survey (self-reports)
3. **Course specific knowledge (e.g., the French revolution, F=ma)**
   a. Knowledge
      i. Grades, course averages
      ii. Test scores
      iii. Quality of projects/assignments/presentations
      iv. Standardized tests
      v. 1 minute papers
      vi. Knowledge retention over time (6 months, 1 year after intervention)

4. **Instructional team practices (e.g., TA use of time, best practices)**
   a. Time spent on course related activities
      i. Observations
      ii. Self-reports
   b. Adoption of best practices
      i. Self-reports/reflections
      ii. Student perceptions and SEOT data
      iii. Peer review of teaching

5. **Lifelong and professional skills (e.g., collaboration, critical/interdisciplinary thinking)**
   a. Collaboration
      i. Self-report surveys
      ii. Peer review
   b. Critical thinking
      i. Projects and assignments (e.g., paper critique)
   c. Time management
      i. Distribution of work over time
   d. Self-regulation
      i. Projects
      ii. 1 minute papers
   e. Communication
      i. Essays, papers, videos
   f. Professional skills and competencies
      i. Tests
      ii. Observations