School Earthquake Safety Initiative

Road Map

Last Modified on 02/27/2019 by Patrick Hughes (pjHughes@ucsd.edu)
Road Map:

0) Preparation
   a) Review SESI Teacher Information PowerPoint (1.1)
   b) Read Materials List (1.4)
   c) Review Master Spreadsheet (1.5)
   d) View pictures & videos of structural models (1.6)
   e) Review Project Guidelines (1.7)

1) Visit 1 – 1st lecture
   a) Before
      i. Review slides: Lecture1_slides (2.1)
      ii. Watch video: Lecture1_video (2.1)
      iii. Open Lecture 1 supplementary gif files (2.1)
      iv. Read handout: Vocabulary List (3.5)
   b) During
      i. Present slides: Lecture1_slides (2.1)
      ii. Explain handout: Vocabulary List (3.5)

2) Visit 2 – 2nd lecture
   a) Before
      i. Review slides: Lecture2_slides (2.2)
      ii. Watch video: Lecture2_video (2.2)
      iii. Read handout: Project Document (3.1)
      iv. Read notes: Teacher Notes Before Visit 2 (1.2)
   b) During
      i. Present slides: Lecture2_slides (2.2)
      ii. Explain handout: Explain Project Document (3.1)

3) Visit 3 – 3rd lecture
   a) Before
      i. Review slides: Lecture3_slides (2.3)
      ii. Watch video: Lecture3_video (2.3)
      iii. Read notes: Software Setup (1.8)
      iv. Watch video: Shake Table Setup (1.9)
      v. Setup shake table and test software
      vi. Read handout: Construction Method (3.2)
      vii. Read handout: Prediction Handout (3.3)
      viii. Read notes: Teacher Notes Before Visit 3 (1.3)
   b) During
      i. Present slides: Lecture3_slides (2.3)
      ii. Explain handout: Construction Method (3.2)
      iii. Explain handout: Prediction Handout (3.3)

4) Visit 4 – shake table testing
   a) Before
      i. Watch video: Shake Table Testing (2.4)
      ii. Read handout: Test Day Worksheet (3.4)
   b) During
      i. Explain handout: Test Day Worksheet (3.4)
      ii. Test structures
Folder Key:

#0 – Pitch & Curriculum Documentation (0.0)
- SESI Brochure (0.1)
- Curriculum Pitch for Classrooms (0.2)
- SESI Overview Presentation (0.3)
- High School Curriculum (0.4)
- Assessment Formation (0.5)
- Structural Modeling Overview (0.6)

#1 – Teacher Documentation (1.0)
- SESI Teacher Information ppt (1.1)
- Teacher Notes Before Visit 2 (1.2)
- Teacher Notes Before Visit 3 (1.3)
- Materials List (1.4)
- Master Spreadsheet (1.5)
- Pictures & Models (1.6)
- Project Guidelines (1.7)
- Software (1.8)
- Shake Table Setup
- Survey & Tips (1.10)

#2 – Lecture Presentations & Videos (2.0)
- Lecture 1 (2.1)
- Lecture 2 (2.2)
- Lecture 3 (2.3)
- Test Day (2.4)

#3 – Handouts (3.0)
- Project Document (3.1)
- Construction Methods (3.2)
- Prediction Handout (3.3)
- Test Day Worksheet (3.4)
- Vocabulary List (3.5)