



Chicago AIChE

Classroom Projects / Demonstrations / Presentations

- 1) Making Alphabet Soup for 300 – (class participation, 1st – 5th grade, “scale-up”)
- 2) Not All Engineers Drive Trains (elementary, brief introduction into engineering and what engineers do – easily customized)
- 3) Designing an Ice Cream Plant – (5th-8th grade, reading engineering drawings, simple calcs)
- 4) Cleaning Up The Spill from a (Vegetable) Oil Tanker – (elementary school, hands-on project & PowerPoint presentation)
- 5) Chemical Engineering the Life Support System of the Space Shuttle (middle school through high school, graphic display board highlighting life support systems used as a catalyst for discussion)
- 6) What Goes On In An Oil Refinery – (high school, PowerPoint presentation)
- 7) Catalysts – (high school, PowerPoint presentation)