REDE Program: 1st Pre-Test & Final Post-Test

Objective	Pre	Post
A	44.0%	77.0%
B	60.6%	84.3%
C	70.2%	86.2%
D	48.1%	82.1%
E	50.0%	95.9%
F	64.0%	67.8%
G	57.8%	77.3%
H	37.9%	62.2%
Average:	54.1%	79.1%

Objective Definitions

A Develop, integrate, & implement design-based, open-ended activities for science classes.
B Explain the engineering design process, & compare it to the scientific inquiry process.
C Organize, develop, & guide student design teams.
D Apply appropriate formative & summative assessment to team project outcomes.
E Be able to describe engineering practice & discipline areas.
F Be able to advise students about educational paths into STEM careers.
G Explain engineering ethics, responsibility to the public, & consideration of social values.
H Develop student communication skills through documenting team design projects.

REDE Program 2009-12