STEM Semantics Survey Gender: M / F This five-part questionnaire is designed to assess your perceptions of scientific disciplines. It should require about 5 minutes of your time. Usually it is best to respond with your first impression, without giving a question much thought. Your answers will remain confidential. Use the assigned ID or the year and day of your birthday (ex: 9925 if born School: on the 25th day of any month in 1999. Instructions: Choose one circle between each adjective pair to indicate how you feel about the object. To me, SCIENCE is: fascinating 1 mundane (2) (3) 4 (5) 6 (7) appealing 1 2 (3) 4 (5) 6 7 unappealing 3. exciting 1 2 (3) 4 (5) 6 7 unexciting means a lot means nothing 1 2 3 4 (5) 6 7 5. boring 1 interesting 2 (3) 4 (5) 6 7 To me, MATH is: 1. boring interesting (1) 2 (3) 4 (5) 6 7 appealing unappealing 2. (1) 2 3 4 (5) 6 7 fascinating mundane 3. 1 2 (3) 4 (5) 6 7 unexciting 4. exciting 1 2 3 4 (5) 6 7 means nothing means a lot (1) (2) (3) (4) (5) (6) To me, ENGINEERING is: 1. appealing unappealing (4) 2. fascinating mundane (2) (3) (4) (5) (6) (7)3. means nothing (1) (2) (3) (4) (5) (6) (7) means a lot 4. exciting (4) (7) unexciting (2) (3) (5) (6) 5. boring interesting To me, TECHNOLOGY is: 1. appealing unappealing 1 2 (3) 4 (5) 6 7 2. means nothing means a lot 1 (3) 4 (5) 6 7 2 3. boring 1 2 3 4 (5) 6 7 interesting 4. exciting unexciting 1 2 (3) 4 (5) 6 7 5. fascinating mundane (4) (3) (5) To me, a CAREER in science, technology, engineering, or mathematics (is): 1. means nothing 1 2 3 4 5 6 7 means a lot

Thank you for your time. STEM v. 1.0 by G. Knezek & R. Christensen 4/2008

4 5 6 7

(4) (5) (6) (7)

(3)

0 2 3 4 5 6 7

1

0 2 3 4 5 6

(1) (2)

2 3

2. boring

3.

4.

exciting

fascinating

appealing

interesting

unexciting

mundane

unappealing