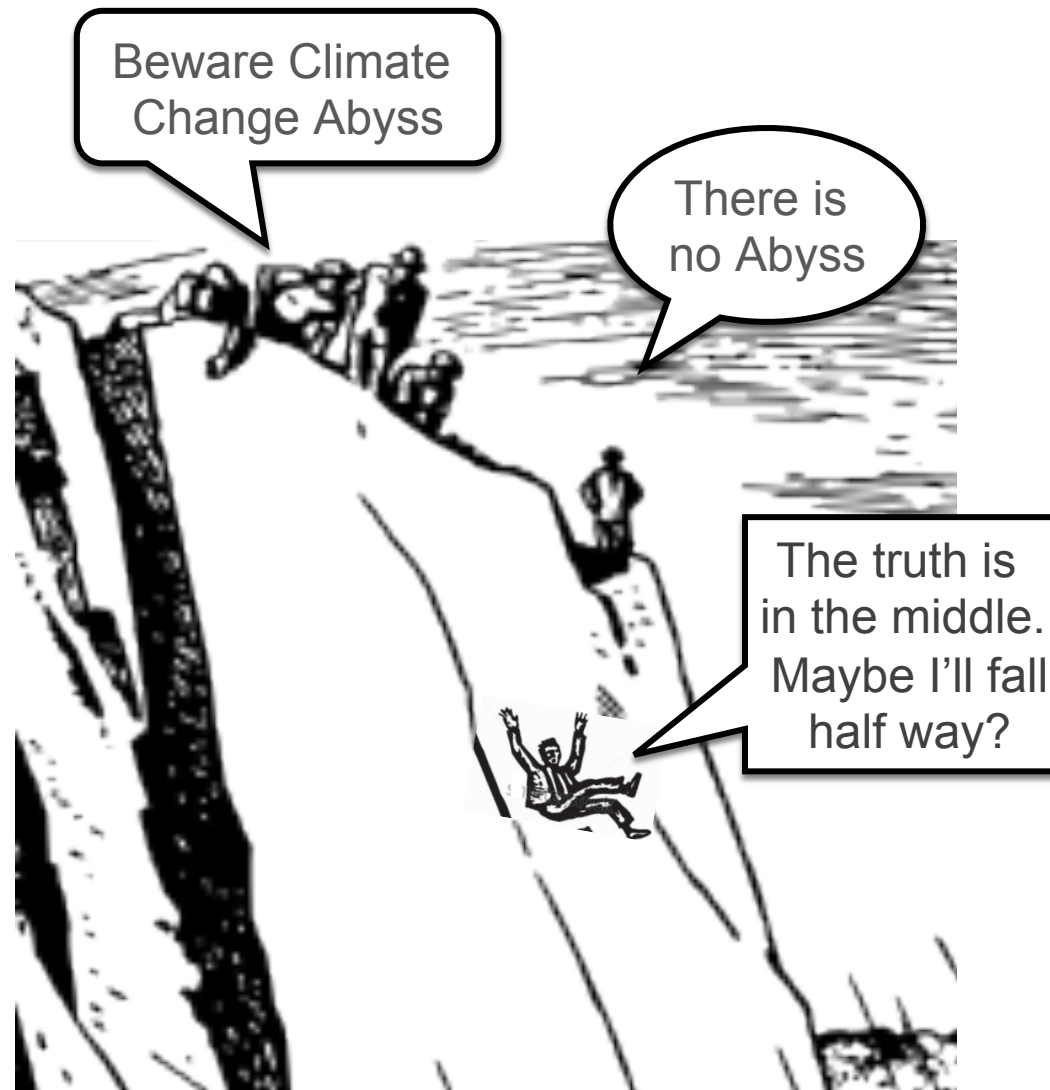


Why Scientific Literacy is Important?



Questions to Consider

Do you know how to draw,
like an artist?



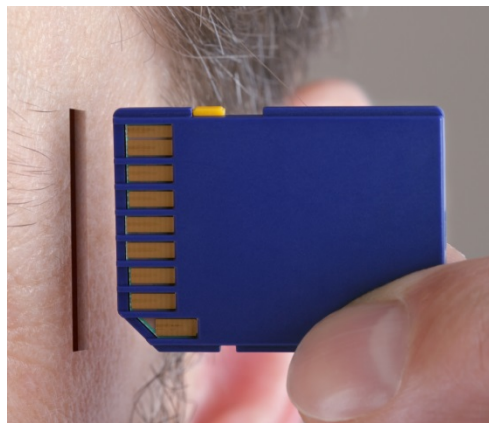
Do you know how to think,
like a scientist?



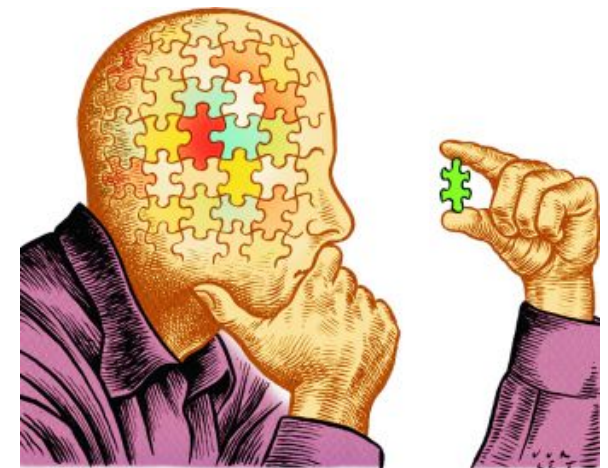
Scientific Literacy Class Develops Critical Thinking Skills



Muscular Strength \neq Athletic Skill



Memory \neq Critical Thinking



Scientific Literacy Activities

- Improves student knowledge in STEM
- Enhances student understanding of the nature of scientific discoveries and interdisciplinary of science
- Promotes student interest, STEM identity, commitment and successful pursuit of STEM major
- Increases student awareness of career opportunities in STEM
- Enhancing student cognitive skills (i.e. memory and critical thinking) needed for success in the STEM major
- Enhances student non-cognitive skills (i.e. maturity and verbal communication) needed for success in the STEM major

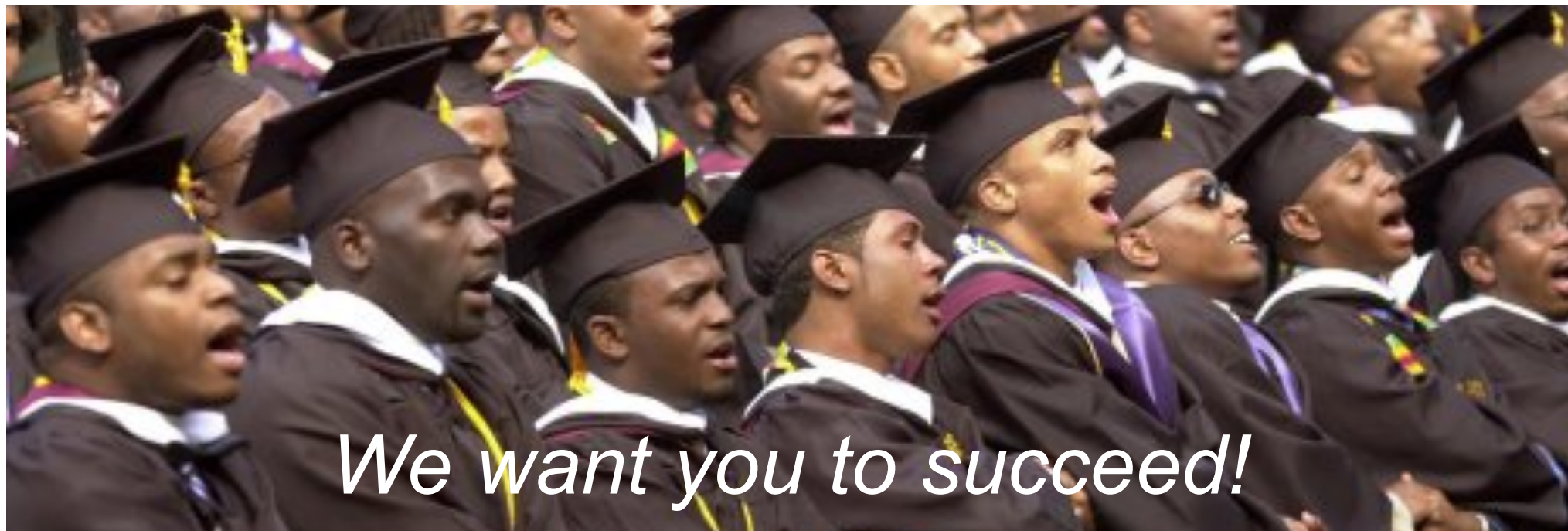
What Did Students Say After Taking the Scientific Literacy Class?

- I have actually learned what a research scientist does.
- I have found a new understanding of how important research is.
- The program has opened my eyes to the world of science greatly.
- I was quite unsure how scientific research really works. Now I have a clear understanding. Overall I am stimulated by the challenge...



Why Scientific Literacy is Important for Freshman STEM Majors

- Scientifically literate freshmen STEM majors are more likely to be successful in their freshmen STEM classes.
- Scientifically literate freshmen STEM majors are more likely to graduate with the STEM major.



We want you to succeed!