



LEARNING IS NOT  
SQUARE  
LEARNING IS CIRCULAR  
AND CONNECTED

Math is a Science.  
English and Social Studies  
are part of Humanities.  
Where does Technology  
Fit in the 4x4 plan?

Computing is our 21<sup>st</sup> Century Academic Discipline.

Technology is what drives our economy –  
The Products Engineered and Produced by man.

The way it is STEM -> The way to change education STEM.  
After all, limited application of science and math with real world  
problems is the problem with S&M that T&E can fix

COMPUTER SCIENCE – IS THE STEM TECHNOLOGY -  
COMPUTING ENVIRONMENT  
SCIENCE – ALGORITHMIC THINKING  
HUMANITIES – DIGITAL COMMUNICATION

CSTA K-8 Model Curriculum – [www.csta.acm.org](http://www.csta.acm.org)  
Category 1: Computers and software applications  
Category 2: Problem solving with computer science  
Category 3: Social context of computing

Created **June 2009** for NGCP / NECC / ACM SIGCT