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The term *S* *S* *a* originated from terminology associated with manufacturing, specifically terms associated with statistical modeling of manufacturing. The maturity of a manufacturing process can be described by a *a* rating indicating its yield, or the percentage of defect-free products it creates. A six sigma process is one in which 99.99966% of the products manufactured are statistically expected to be free of defects (3.4 defects per

http://www.youtube.com/watch?v=y5M4QoDbch4

http://www.mlive.com/news/grand-rapids/index.ssf/2011/10/how_high_school_teacher_flips.html

http://www.fi.ncsu.edu/project/fizz/pd/lecture

http://www.ncsu.edu/features/2011/09/leaving-lectures-behind/

Khan Academy

http://www.khanacademy.org/
http://en.wikipedia.org/wiki/Khan_Academy

Faculty Media Studio
In the Global Gateway
2nd floor of the Centennial Complex, West Wing
Talk to Stephen Robertson or Jeremy Grove, Ext. 15830

Critical Thinking: Tools for Taking Charge of Your Learning and Your Life by Richard Paul and Linda Elder (Second Edition or later), Pearson Prentice Hall

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Nationwide, more than 100 universities are adapting SCALE-UP, to varying degrees. The University of Minnesota recently completed a building with classrooms designed for SCALE-UP learning. At the Massachusetts Institute of Technology, more than 90 percent of physics instruction occurs in SCALE-UP classrooms.