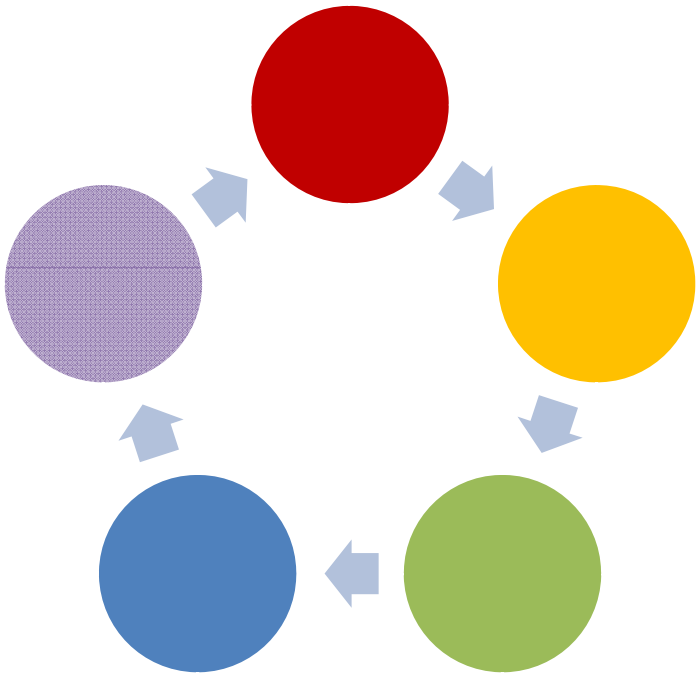
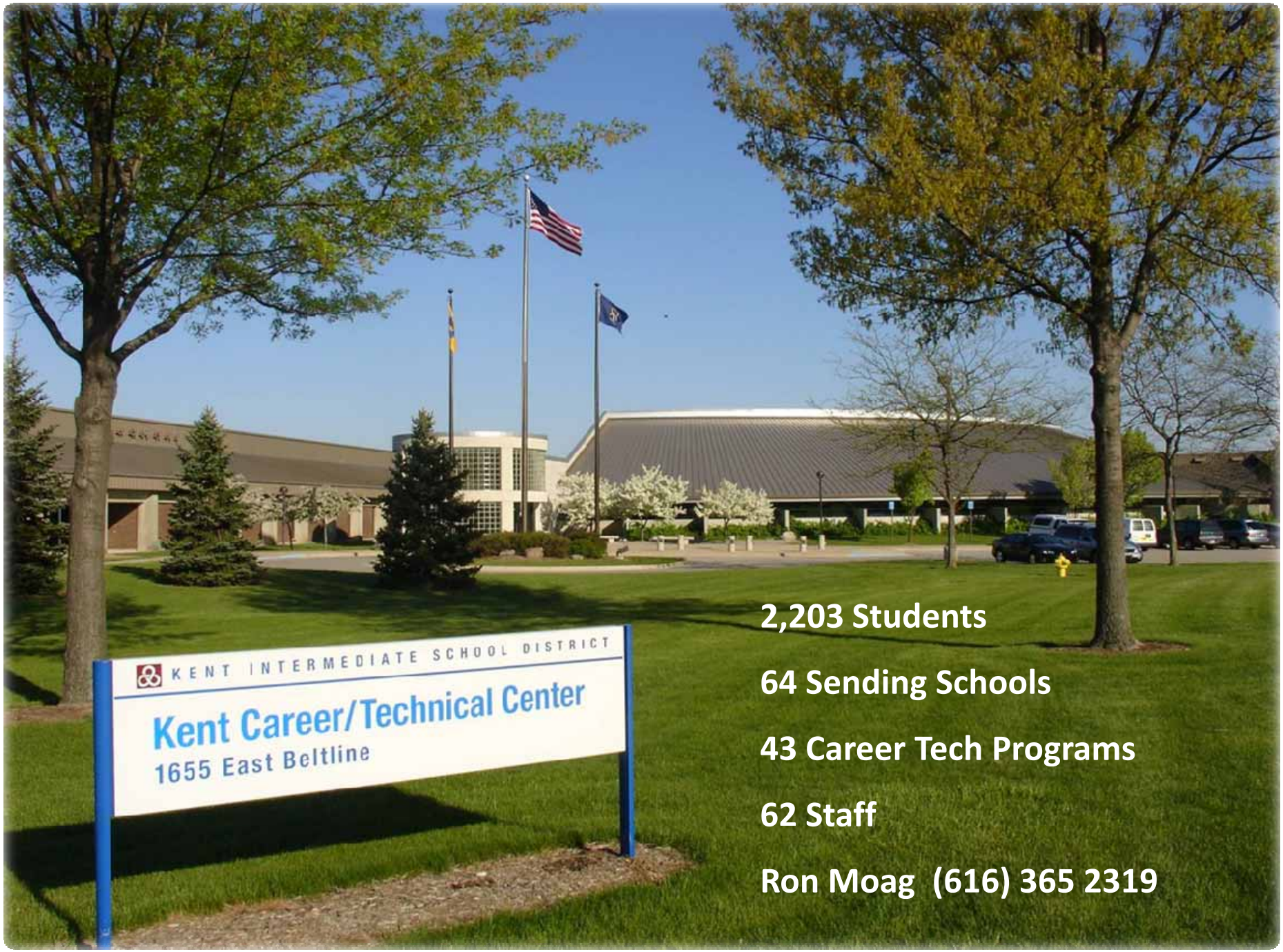


Using Blended Learning to Deliver Rigorous and Relevant Academic Content



2,203 Students

64 Sending Schools

43 Career Tech Programs

62 Staff

Ron Moag (616) 365 2319

Jackson Fox, M.S.

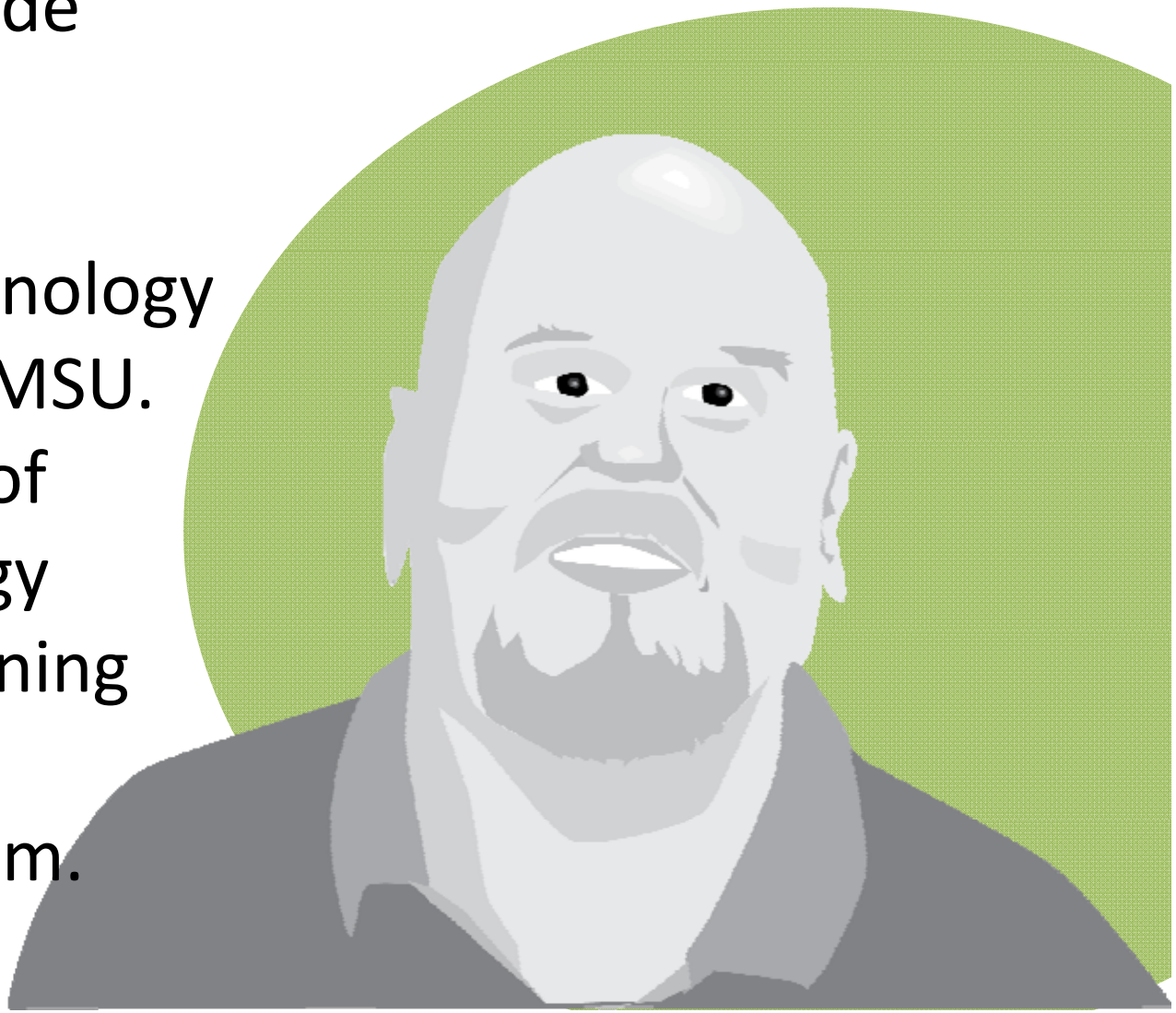
a.k.a The Math Guy

Jackson is a former mathematics teacher and pre-engineering instructor. He has been using technology to improve instruction for 12 years.

Jason Kalis, M.Ed.

a.k.a. Science Dude

Jay holds an Educational Technology Certificate from MSU. He is the leader of KCTC's Technology professional learning community, the Teacher Tech Team.



Deborah VanDyke, M.A., M.A.T.

a.k.a. That Lady

Deb holds Counseling and K-12 Reading Specialist degrees. She's helped hundreds of students love reading. Her favorite things to do are read and write.

How it Began

End of Course Assessments

Increased Graduation Requirements

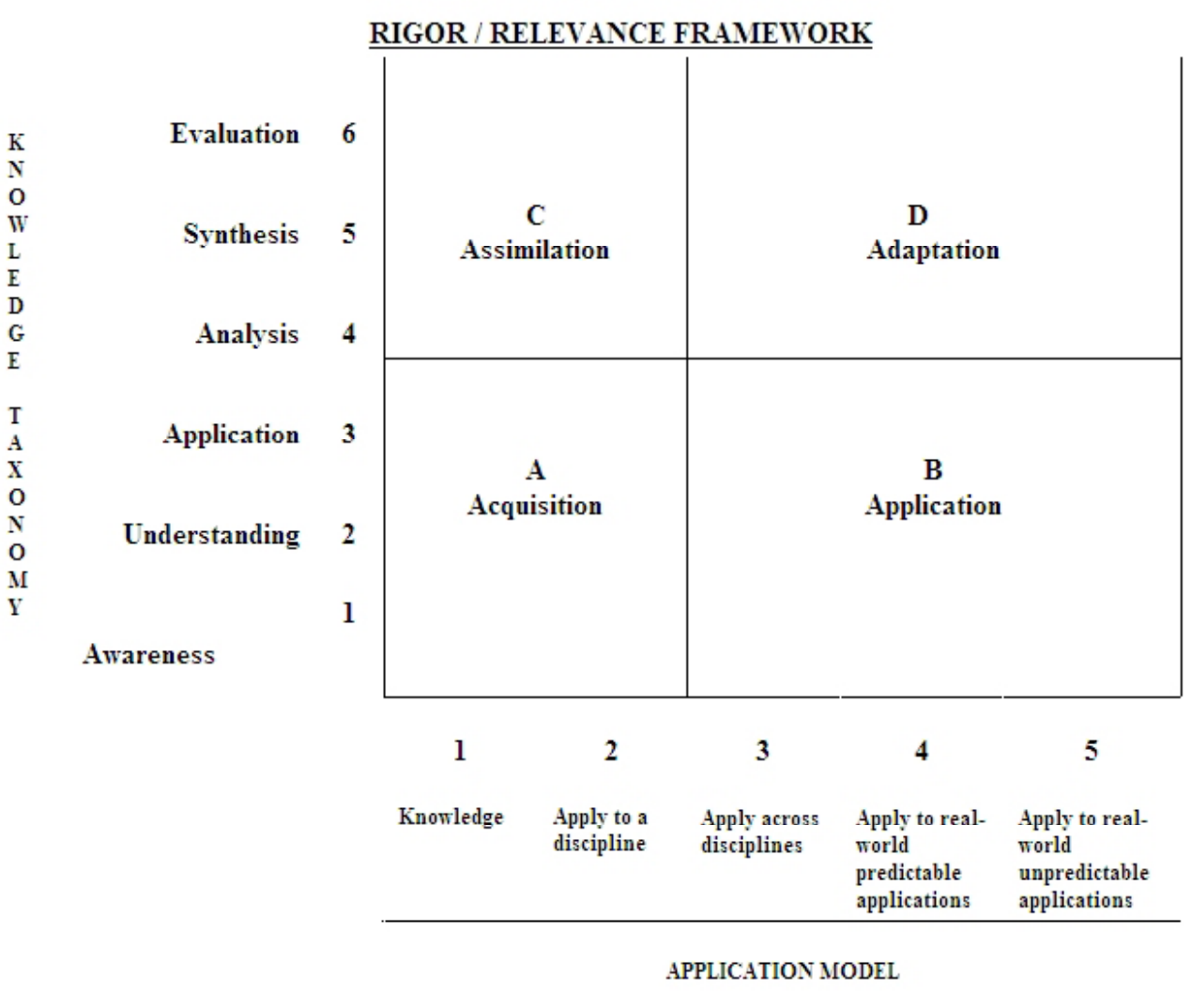
Michigan Merit Exam

Less time for Enrollment

Industry Chasing Electives

Decreasing

The Bright Idea

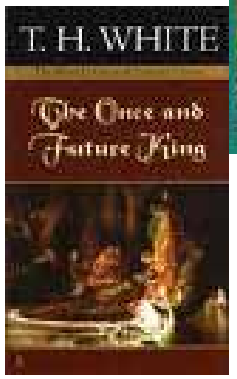


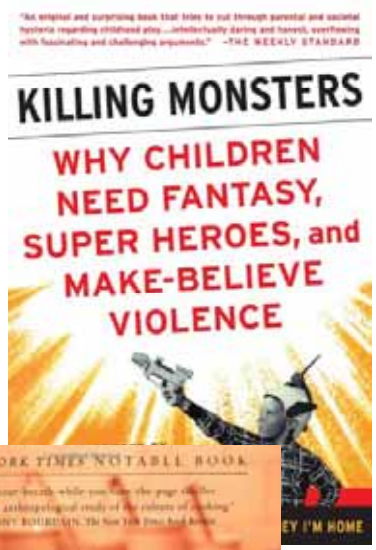
ICLE. (2008). Rigor, relevance, relationships. Retrieved 30 Nov 09 from http://www.leadered.com/rrr.html.

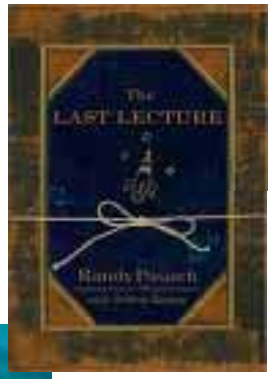
Creating a Partnership

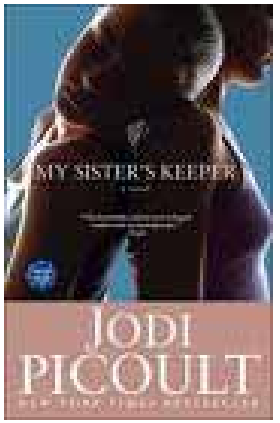
Mike Flanagan, Superintendent of Public Instruction, November 2007, January 2008
http://michigan.gov/mde/0,1607,7-140-37818_45256-180053--,00.html

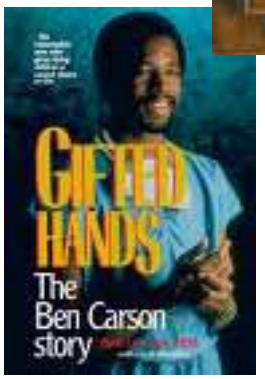
Getting Creative





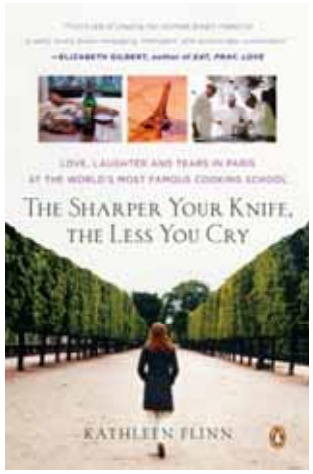


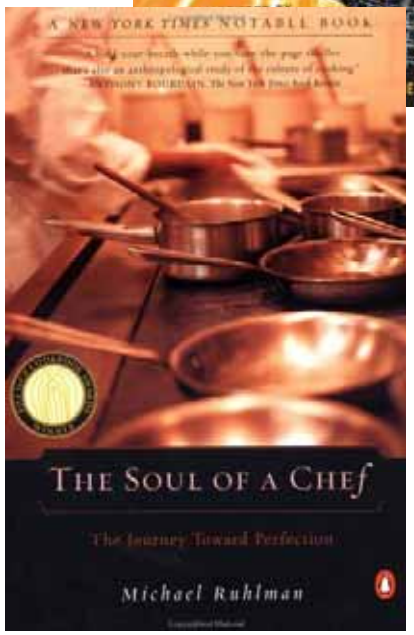


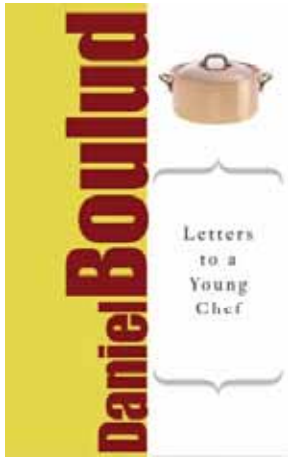


ATUL GAWANDE

AUTHOR OF *COMPLICATIONS*



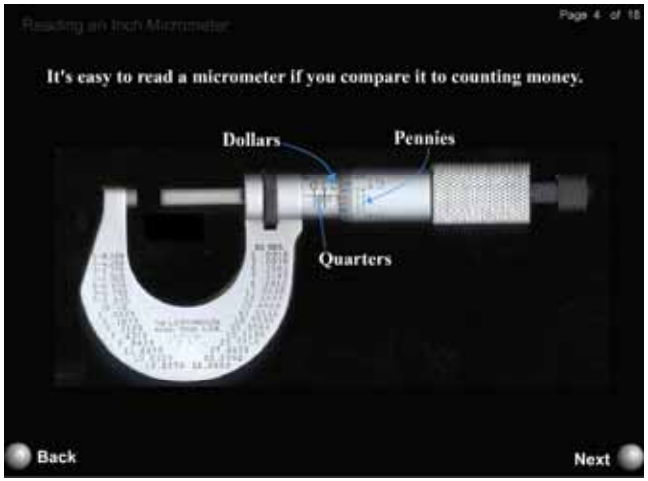




better

A Surgeon's Notes on Performance

Making the Connection



Auto Tech

ADDING FRACTIONS

$\frac{3}{8} + \frac{5}{8} = \frac{8}{8} = 1$ COMMON DENOMINATOR

$\frac{3}{4} + \frac{1}{16} = \frac{12}{16} + \frac{1}{16} = \frac{13}{16}$ 4 & 16 BOTH GO INTO 16 EVENLY

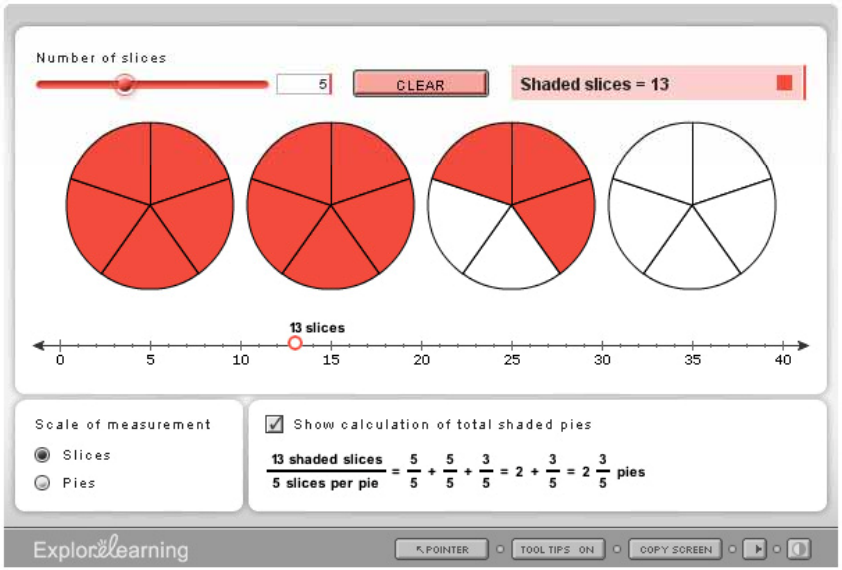
$\frac{1}{3} + \frac{4}{7} = \frac{7}{21} + \frac{12}{21} = \frac{19}{21}$ 3 & 7 BOTH GO INTO 21 EVENLY

$3\frac{1}{4} + \frac{1}{5} = \frac{13}{4} + \frac{1}{5} = \frac{65}{20} + \frac{4}{20} = \frac{69}{20} = 3\frac{9}{20}$

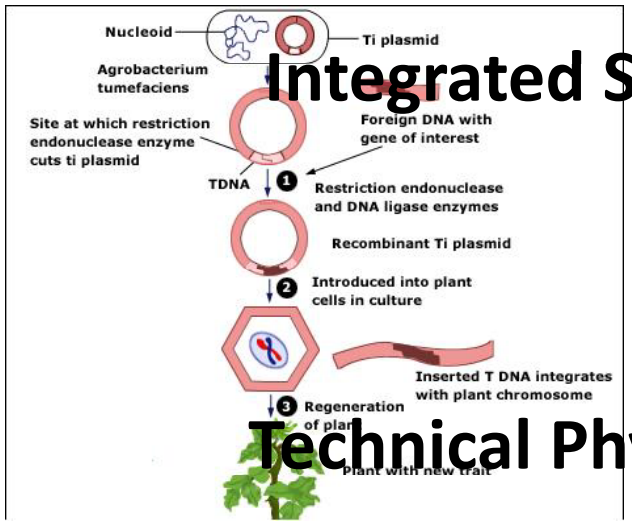
CHANGE MIXED # TO IMPROPER FRACTION

FIND COMMON DENOMINATOR

ADD NUMERATORS



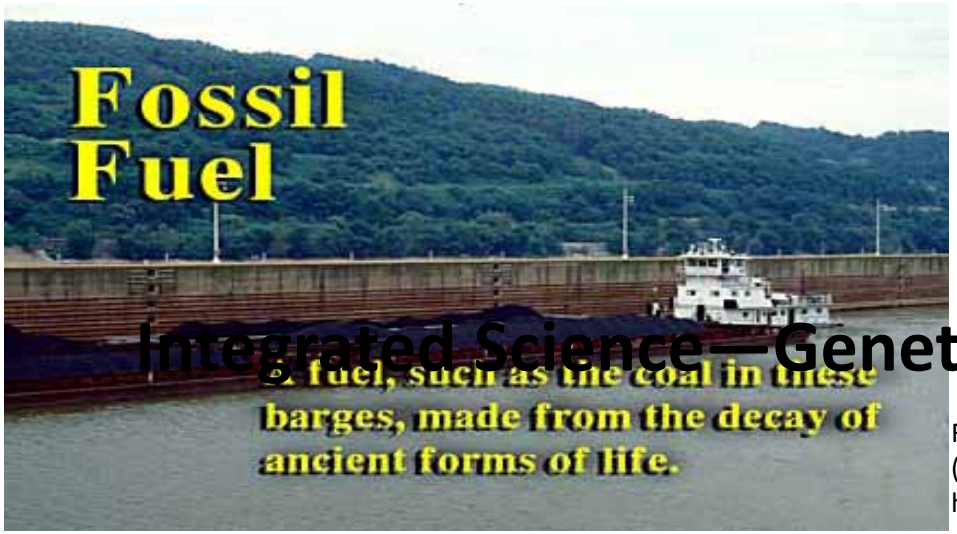
Customizing the Content



Integrated Science—Earth's Systems

Technical Physics—Combustion Engines

Electricity-generating windmills in California. Paul Fuqua (2003). Retrieved June 2, 2009, from http://streaming.discoveryeducation.com



Integrated Science—Genetics—Transgenic Plants

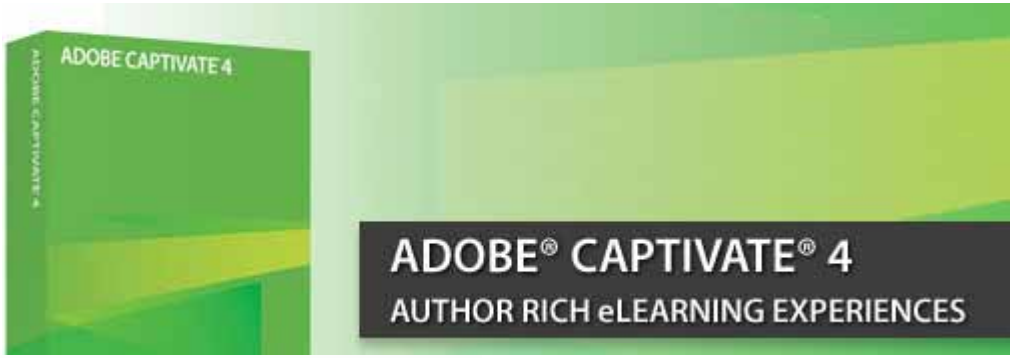
Fossil fuel, definition. Paul Fuqua (2004). Retrieved June 2, 2009, from http://streaming.discoveryeducation.com/

Tools for Blended Instruction

JING

Audacity

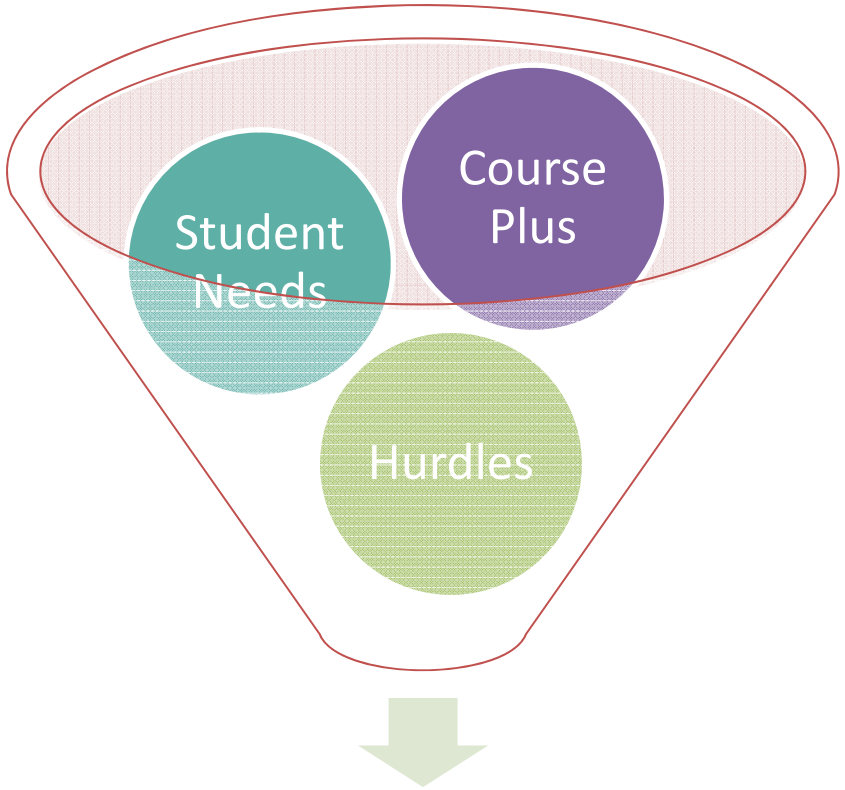
TeacherTube
Teach the World



Discovery EDUCATION

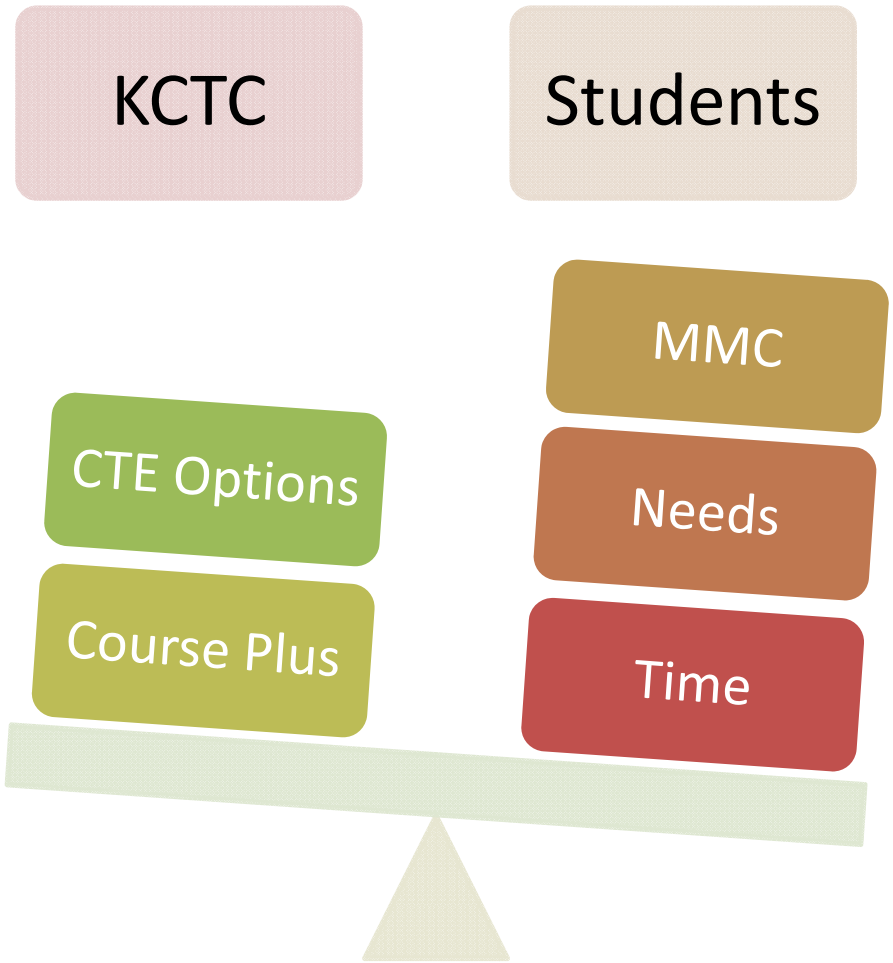
Bb Blackboard

Implementation

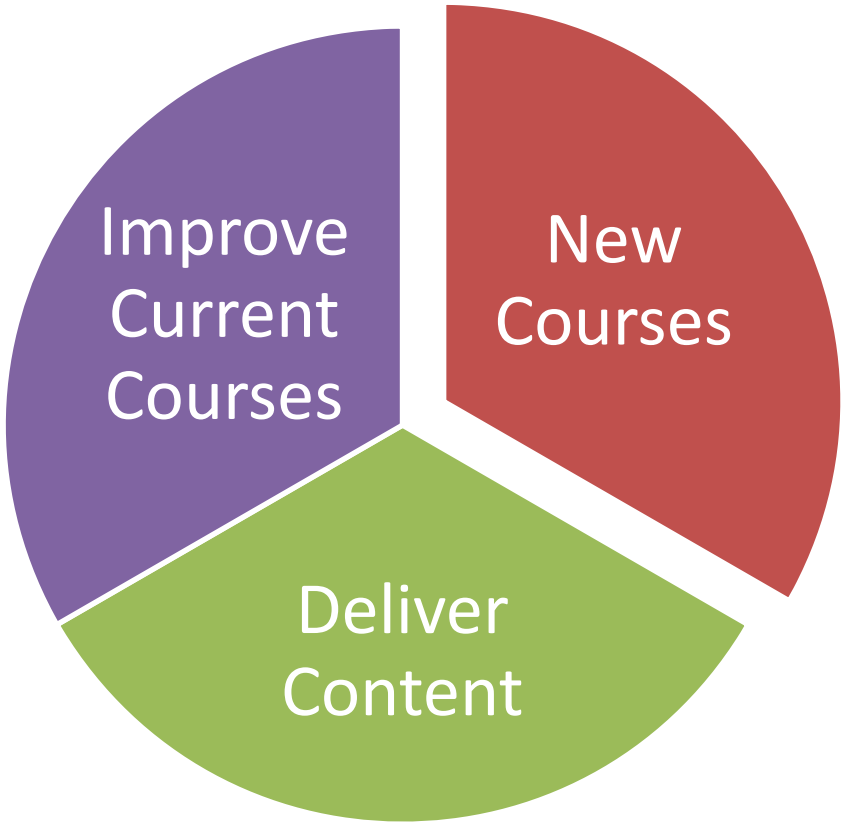


Continuous Improvement

We are Learning



The Future



Course Plus