



FRIDAY, OCTOBER 27TH,
2017

Smart Lab Presentation
Matt Lonn & Mitch Carlson



AFTER VIDEO –

BE READY TO DISCUSS
WITH A NEIGHBOR

Molly

BASED ON WHAT YOU
KNOW ABOUT MOLLY,

WHAT CLASSES DO YOU
RECOMMEND A PERSON
LIKE HER, SHOULD TAKE AT
YOUR SCHOOL

Are you here

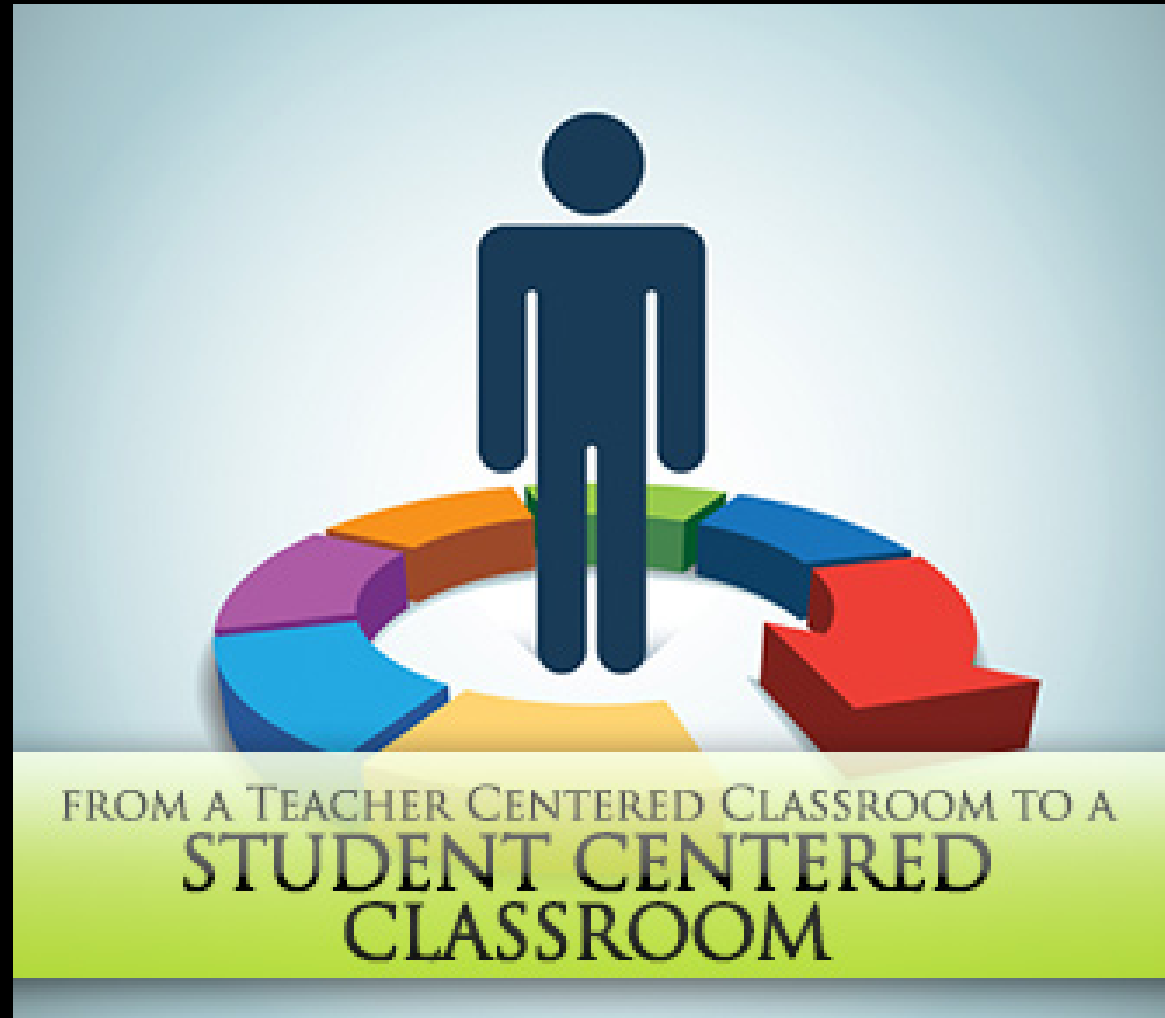
Or

There

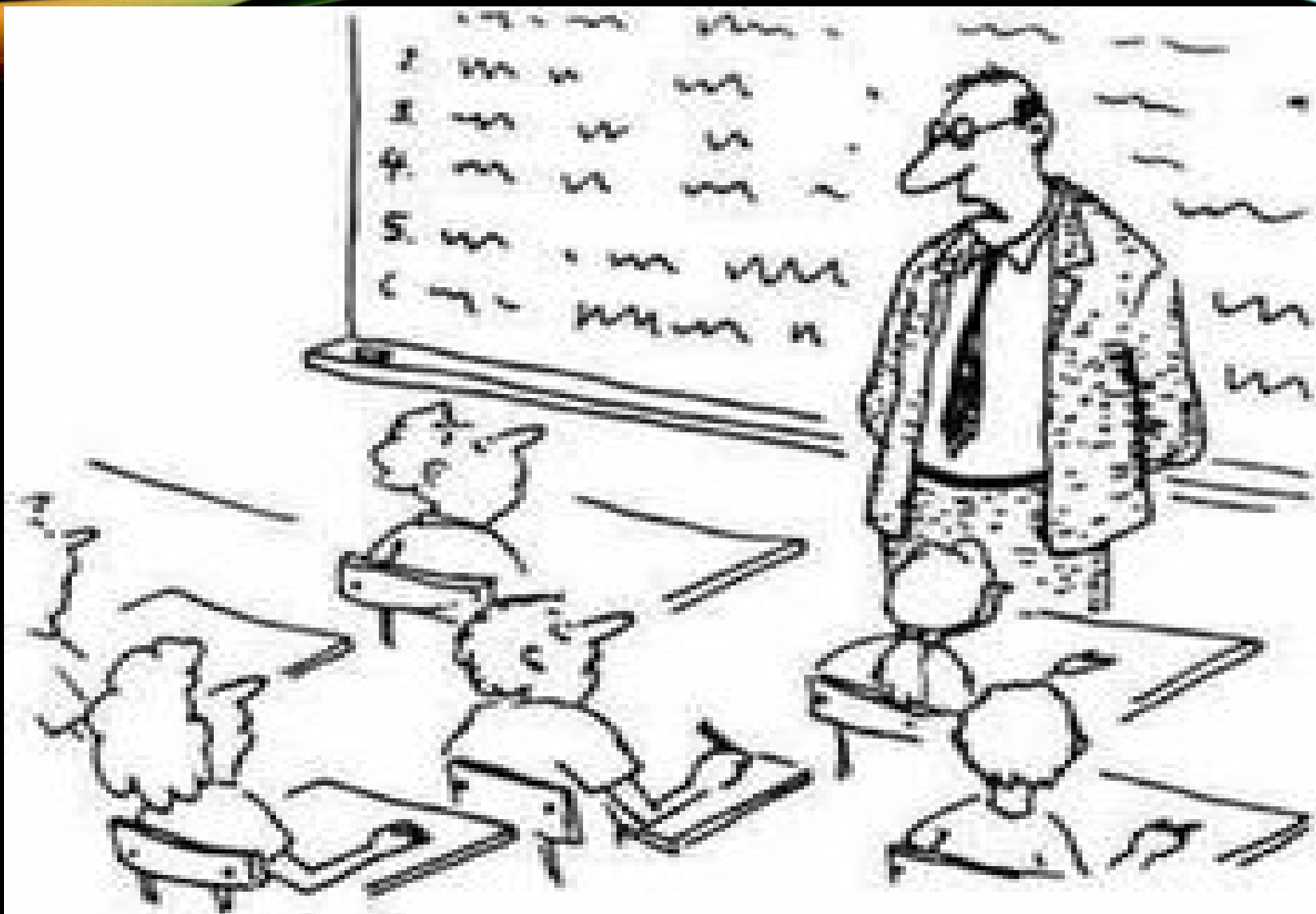


Flickr Photo by Kathy Cassidy - Attribution-NonCommercial-ShareAlike License

Characteristics of Student Centered Classroom



What is Teacher Centered?



"I expect you all to be independent, innovative, critical thinkers who will do exactly as I say!"

Student A

- English
- Math
- Social Studies
- Science
- Business
- Phy Ed.

Student B

- Problem Solver
- Critical Thinker
- Collaborator
- Communicator
- Curiosity / Imagination
- Initiative

Benefits / Characteristics of a Smart Lab

Innovative

Collaboration

Communication

Technology Skills

Problem Solving

Decision Making

S.T.E.M

Creative Thinking

Smart Lab

What is It?

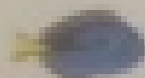
**IF YOU CAN'T MAKE A
MISTAKE.**

**YOU CAN'T MAKE
ANYTHING.**

MARVA COLLIN

Most Likely to Succeed

PREPARING OUR KIDS FOR
THE INNOVATION ERA



Tony Wagner

Bestselling author of *CREATING INNOVATORS
AND THE GLOBAL ACHIEVEMENT GAP*

Ted Dintersmith

What is Offered?

- Circuitry
- Computer Graphics
- Digital Communications
- Mechanics & Structure
- Robotics & Control Technology
- Scientific Data & Analysis
- Software Engineering
- Sustainability
- **Orientation**
- **Lift-off Challenges**
- **Express Challenges**

How is a Launcher Lesson Set Up?

- 1. Your Challenge*
- 2. What You Should Know*
- 3. Do It!*
- 4. Extend Yourself*

Journaling
Presentations
Utilize Technology

Lift Off Challenge – Mechanics & Structure – Zoom Tool - Spinning Tops

Struts


Nodes

Conservation of Angular Momentum

Friction

Drag





Viewing Curriculum On Line

[LM Site](#)



Miscellaneous



What is the

~~Cost~~

Investment ?

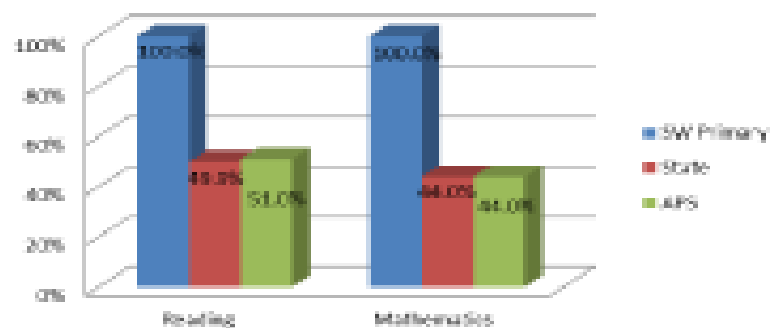


Q & A

Handouts

Southwest Primary Learning Center

4th Grade SBA 2011-2012



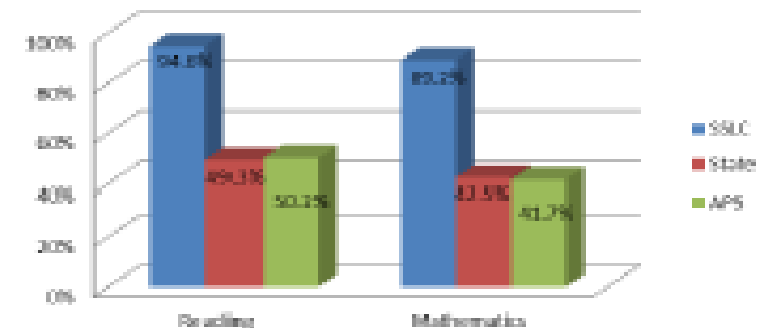
SOUTHWEST LEARNING CENTERS New Mexico Standards Based Assessment Scores 2011 – 2012

BLUE – SLC
RED – State
GREEN – APS

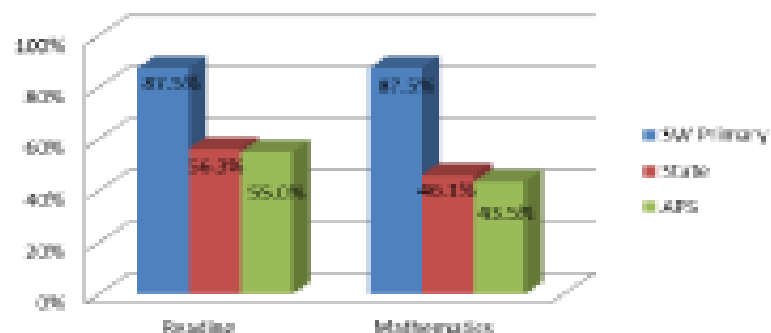
Southwest Intermediate Learning Center

Southwest Secondary Learning Center

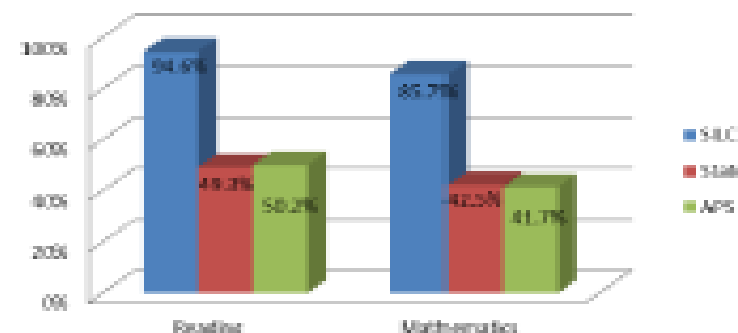
7th Grade SBA 2011-2012



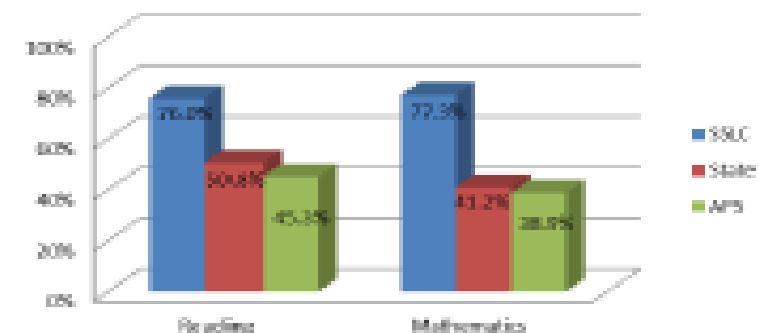
5th Grade SBA 2011-2012



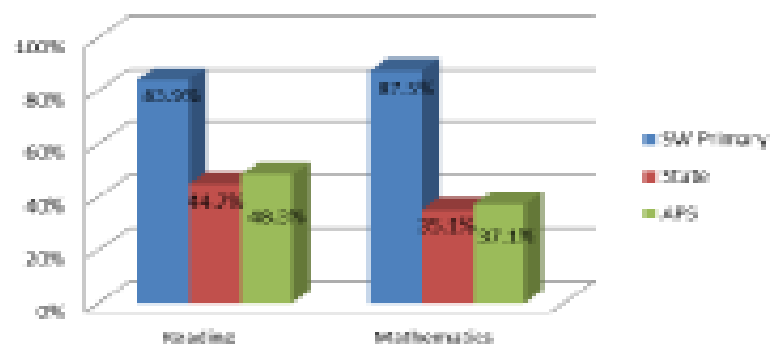
7th Grade SBA 2011-2012



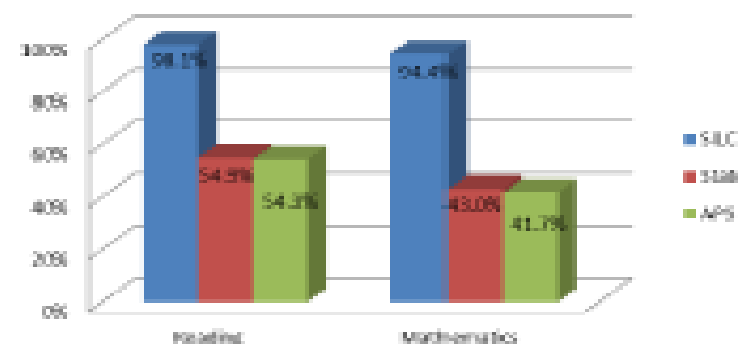
8th Grade SBA 2011-2012



6th Grade SBA 2011-2012



8th Grade SBA 2011-2012



11th Grade SBA 2011-2012

