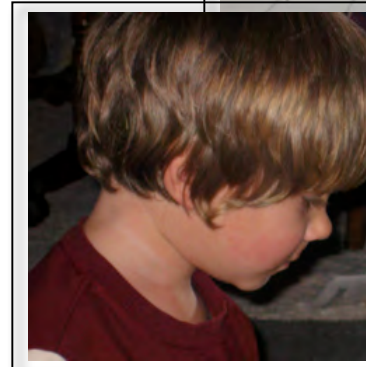


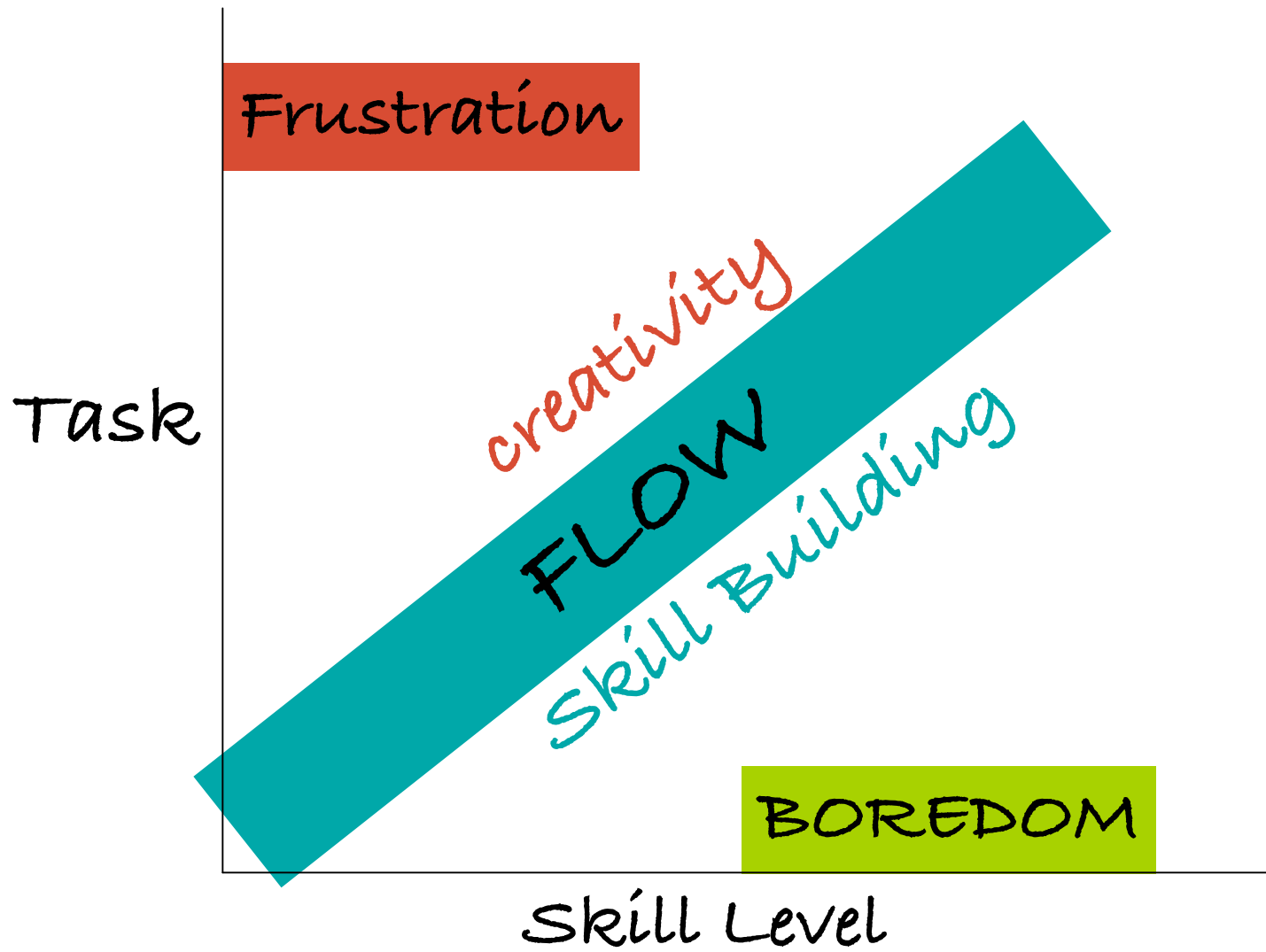
Student Engagement

By Cheryl Lemke



3 THINGS

1. FLOW
2. STUDENT ENGAGEMENT
3. LEARNING DESIGNS THAT ENGAGE

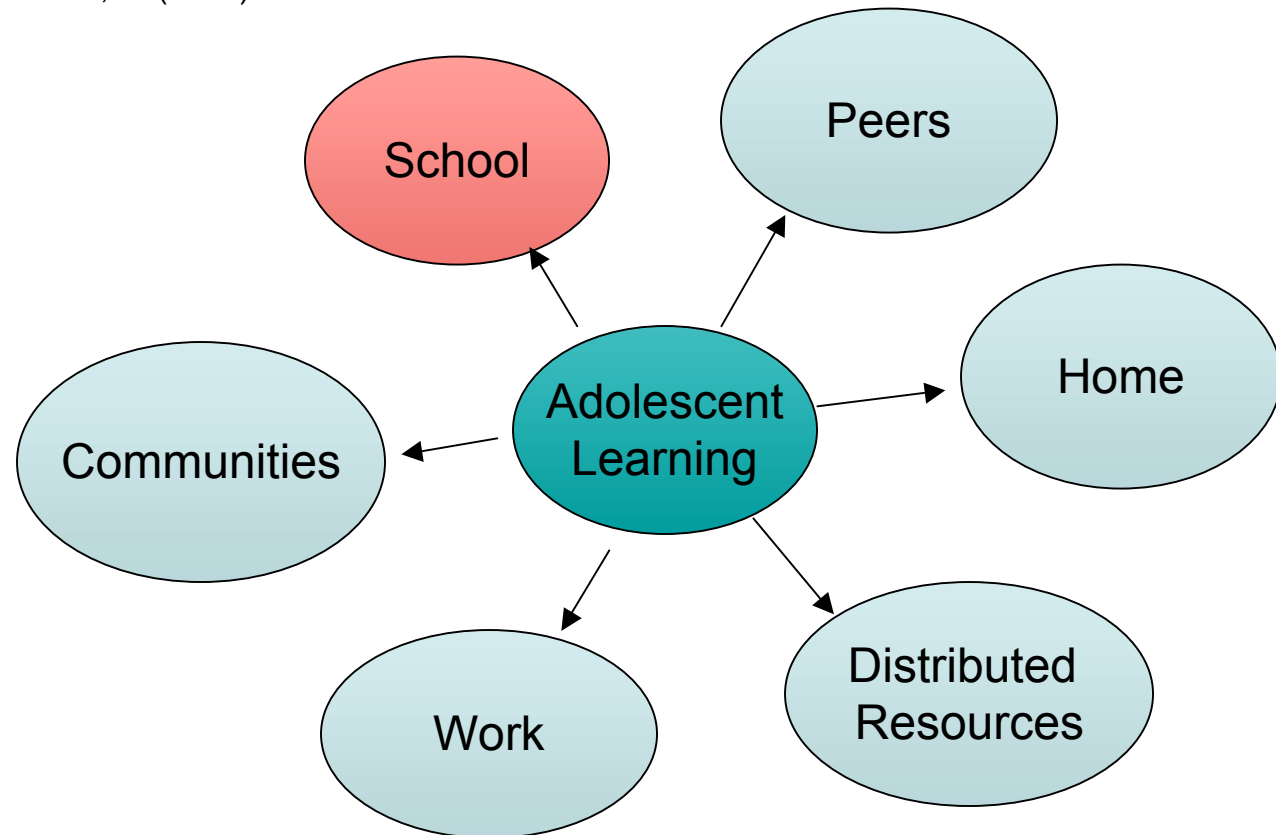


Deep Learning

- **Deep learning** is the critical analysis of new ideas, linking those ideas to already known concepts and principles, and leads to understanding and long-term retention of concepts so that they can be used for problem solving in unfamiliar contexts.

adolescent learning 2.0

Barron, B. (2006)



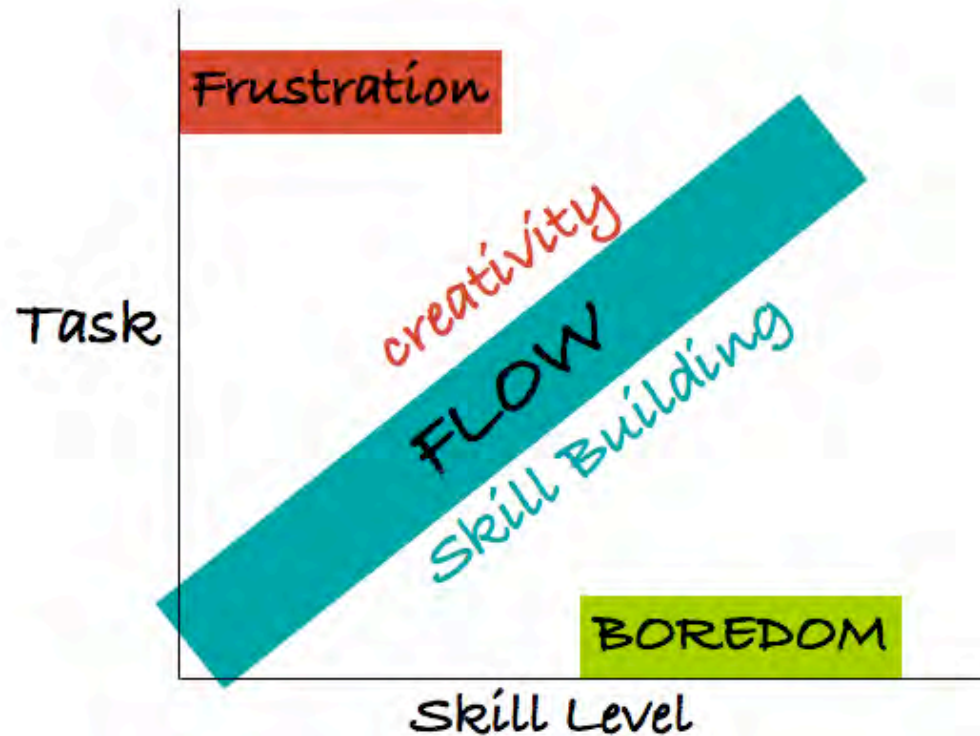
Student Engagement

Student engagement is the degree to which students are actively pursuing deep learning related to established standards.

(e.g., cognitive/ intellectual engagement, socio-emotional engagement, and behavioral engagement).

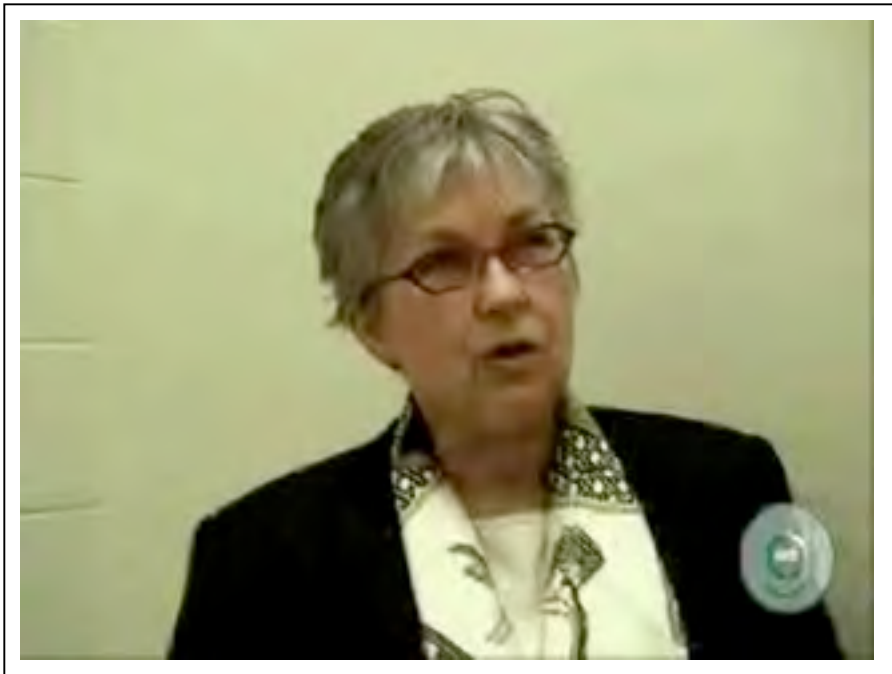
STUDENT ENGAGEMENT

DEFIANT WITHDRAWN COMPLIANT TACTICAL INTRINSIC



STUDENT ENGAGEMENT

DEFIANT WITHDRAWN COMPLIANT TACTICAL INTRINSIC



- **COGNITIVE**

Investment-Challenge-Self Regulation

- **SOCIAL-EMOTIONAL**

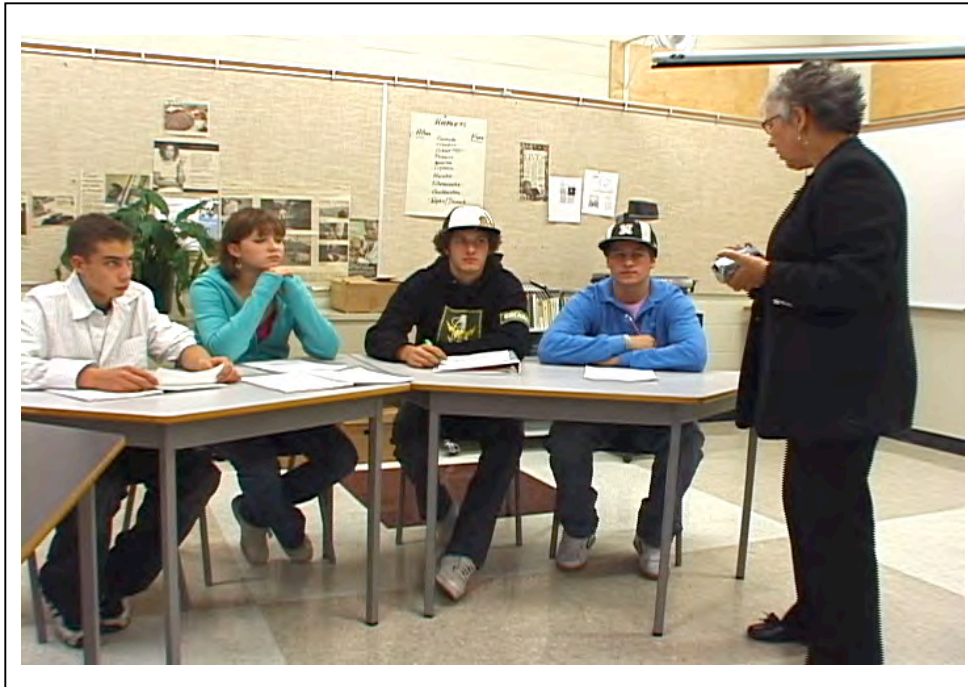
• Reaction-Interaction to school - ties

- **BEHAVIORAL**

Follow rules - Class Participation - ExtraC

STUDENT ENGAGEMENT

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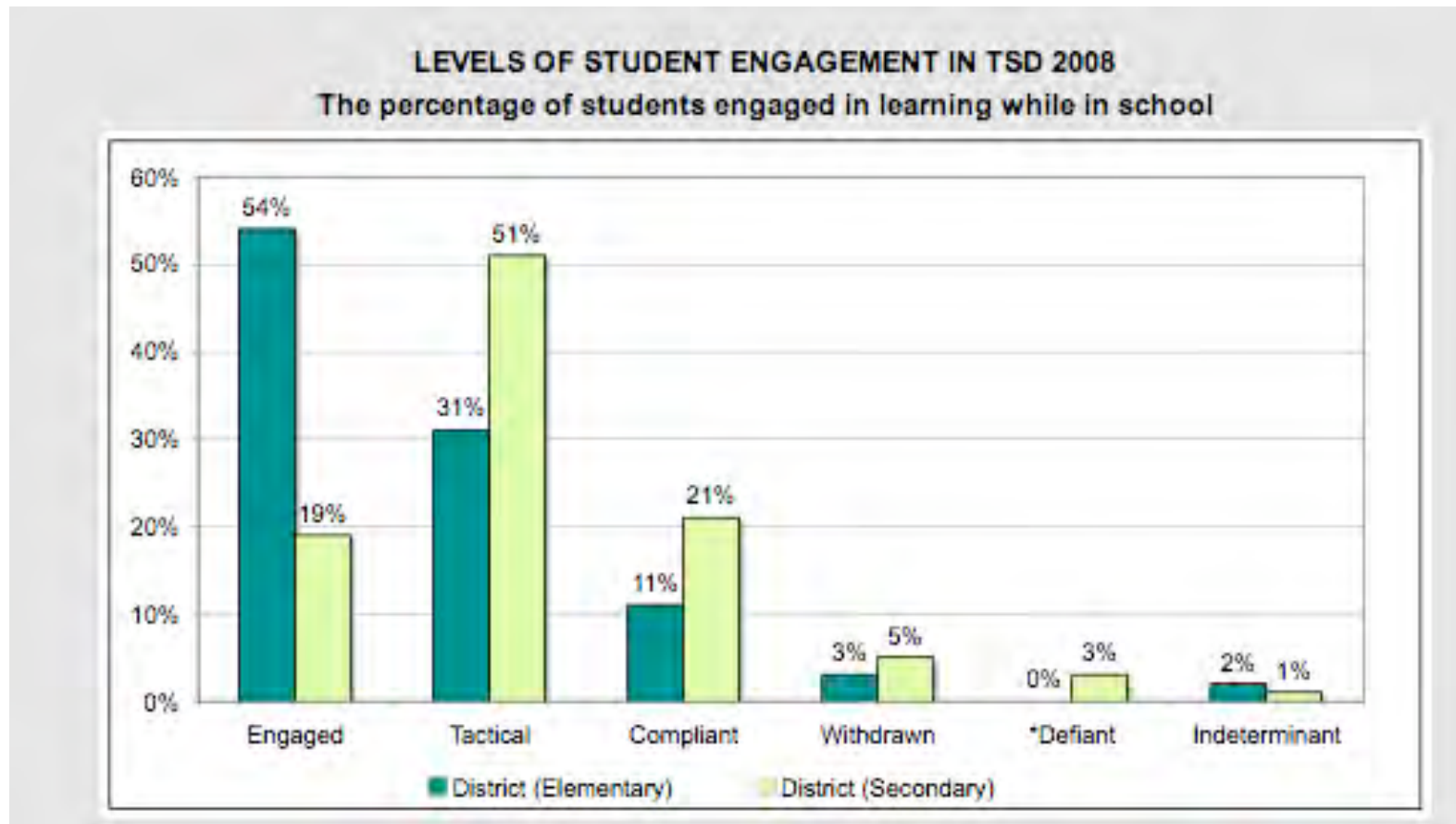
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• Reaction-Interaction to school - ties

- **BEHAVIORAL**

Follow rules - Class Participation - ExtraC

Student Engagement



LEARNING DESIGNS TO ENGAGE

CONTENT/SUBSTANCE

ORGANIZATION

NOVELTY/ VARIETY

CHOICE

INTELLECTUAL SAFETY

AFFIRMATION

AFFIRMATION

PRODUCT FOCUS

PRODUCT STANDARDS

AUTHENTICITY



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LEARNING DESIGNS TO ENGAGE

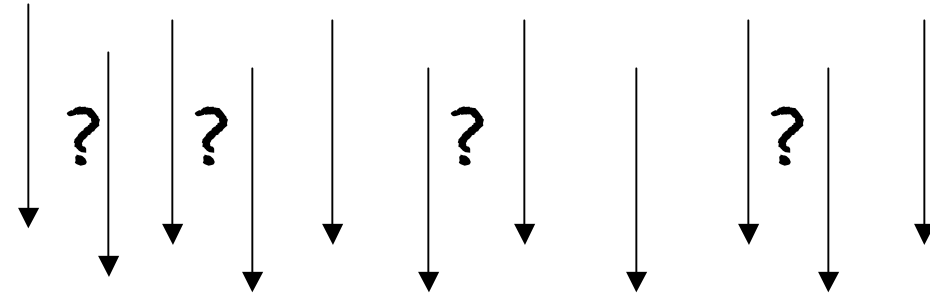
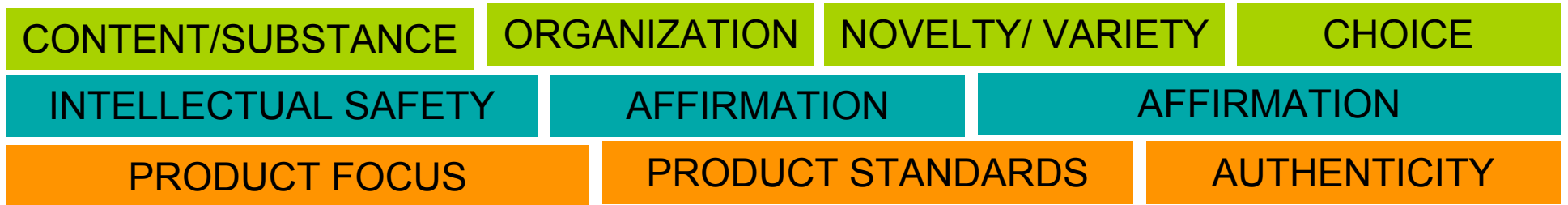


Attribution Research

Dr. Carol Dweck



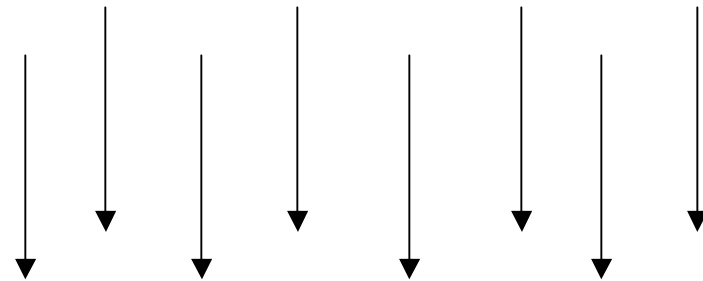
LEARNING DESIGNS TO ENGAGE



Drop out Prevention

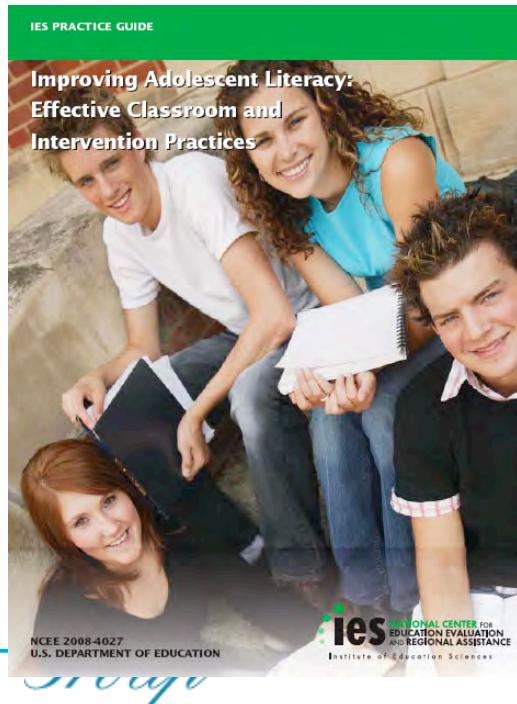
See <http://ies.ed.gov/ncee/wwc/reports/dropout/topic/>

LEARNING DESIGNS TO ENGAGE



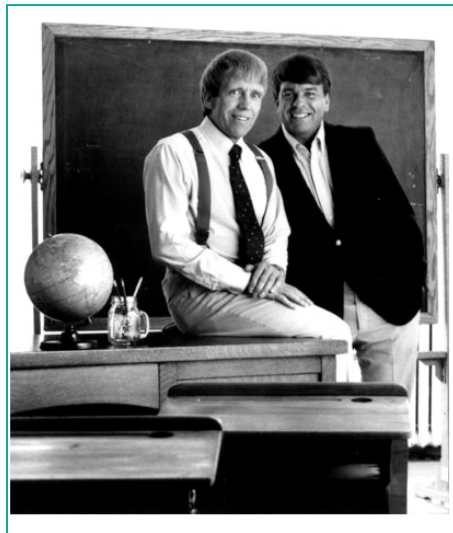
Adolescent Literacy

See <http://ies.ed.gov/>



Johnson & Johnson

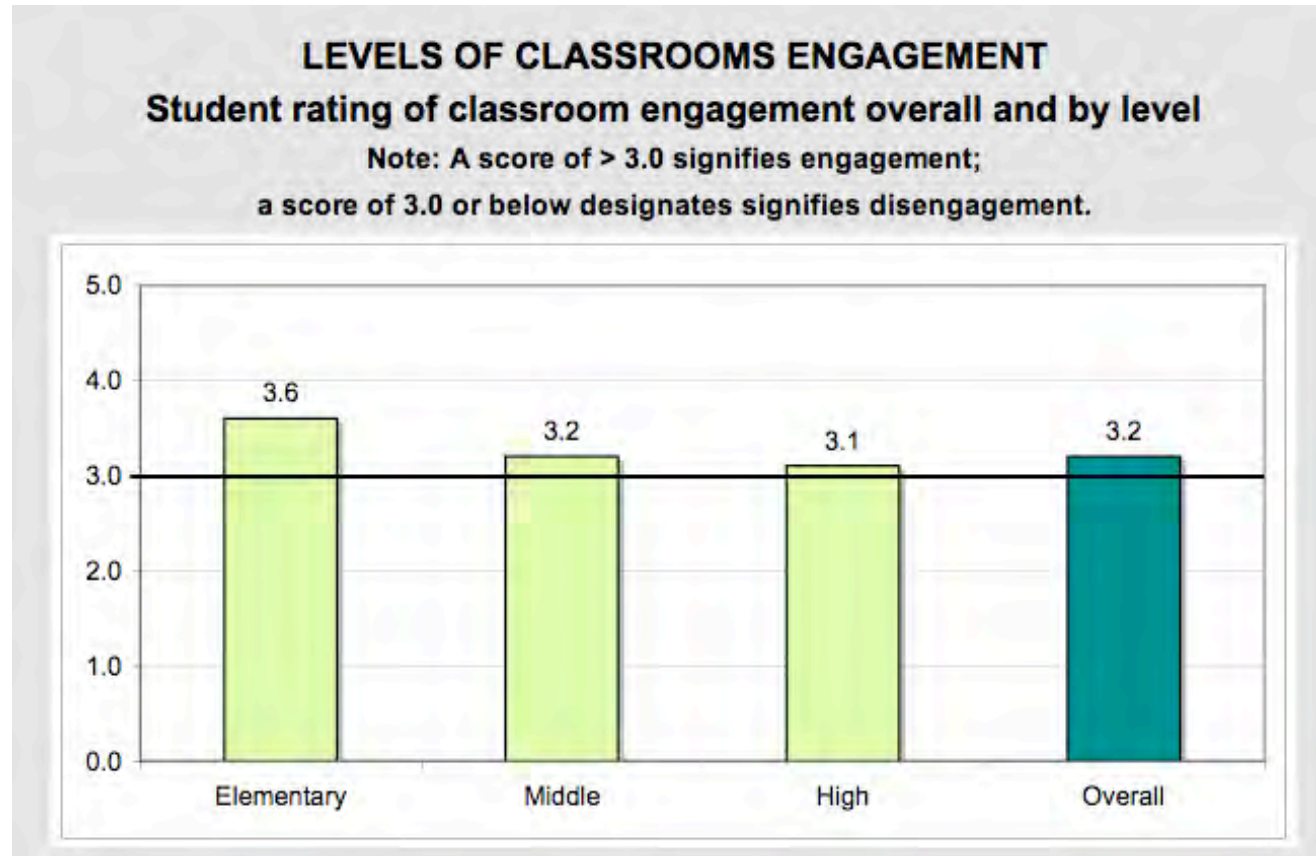
For moderate to complex learning, cooperation trumps competition and competition trumps individual learning



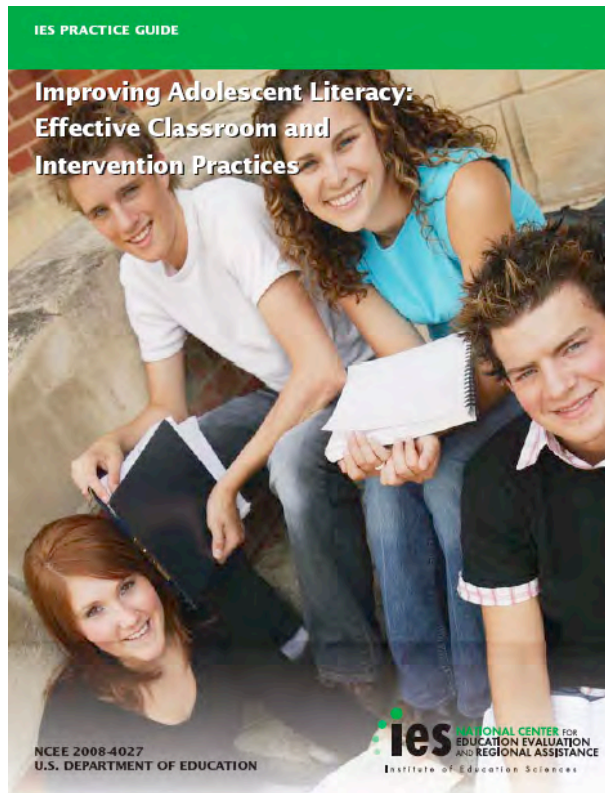
Cooperative Learning Success:

- Balance of formal and informal
- Commitment to purpose
- Mutually beneficial
- Shared workspace

Classroom Structures That Engage

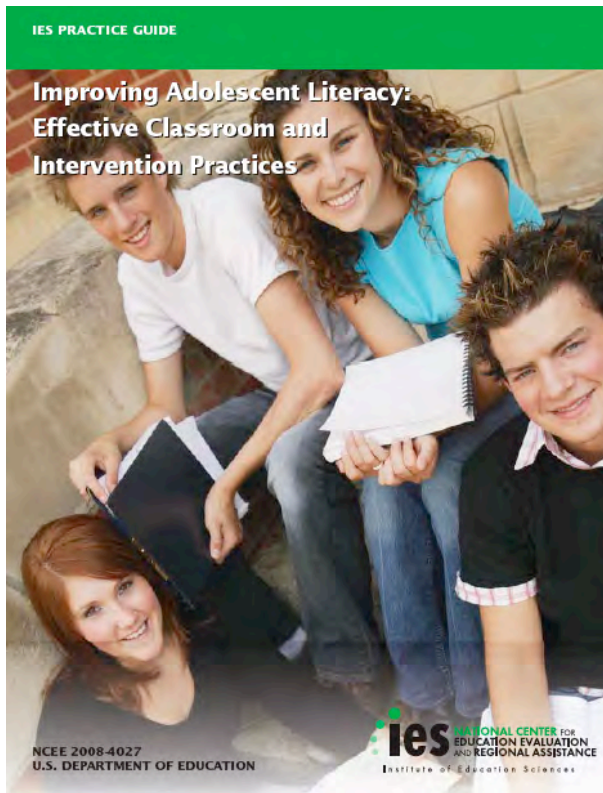


Sustained Discussion Deepens Learning



On average, a 60-minute class offers 1.7 minutes of sustained discussion

Sustained Discussion



- Prepare (anticipate questions, Stimulate inferences/linkages, connect to interest areas)
- Ask follow-up questions that provide continuity and that extend conversation
- Provide a format that builds comprehension in small groups
- Provide facilitator guides (ask deep question, model, provide counter arguments, acknowledge good reasoning when it occurs, & summarize the flow)

Sustained Discussion

MEYER'S AP GOVERNMENT - OUR DAILY SHOW

YOU HAVE THE CHANCE TO COMMENT ON ISSUES, DISCUSSIONS, LIFE...ENJOY!

THURSDAY, SEPTEMBER 04, 2008

Why am I a ...

Here is your chance to define the label you place on yourself. Why are you a conservative? A liberal? A moderate? A Democrat? A Republican? An Independent? What do you believe in politically, philosophically, and ideologically?

Enjoy ... and remain civil.

POSTED BY MEYER AT 11:20 AM 158 COMMENTS

ABOUT ME

MEYER
THE BUBBLE, COLORADO, UNITED STATES

[VIEW MY COMPLETE PROFILE](#)

LINKS

[Google News](#)

[Edit-Me](#)

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[Why am I a ...](#)

[A new resource???](#)

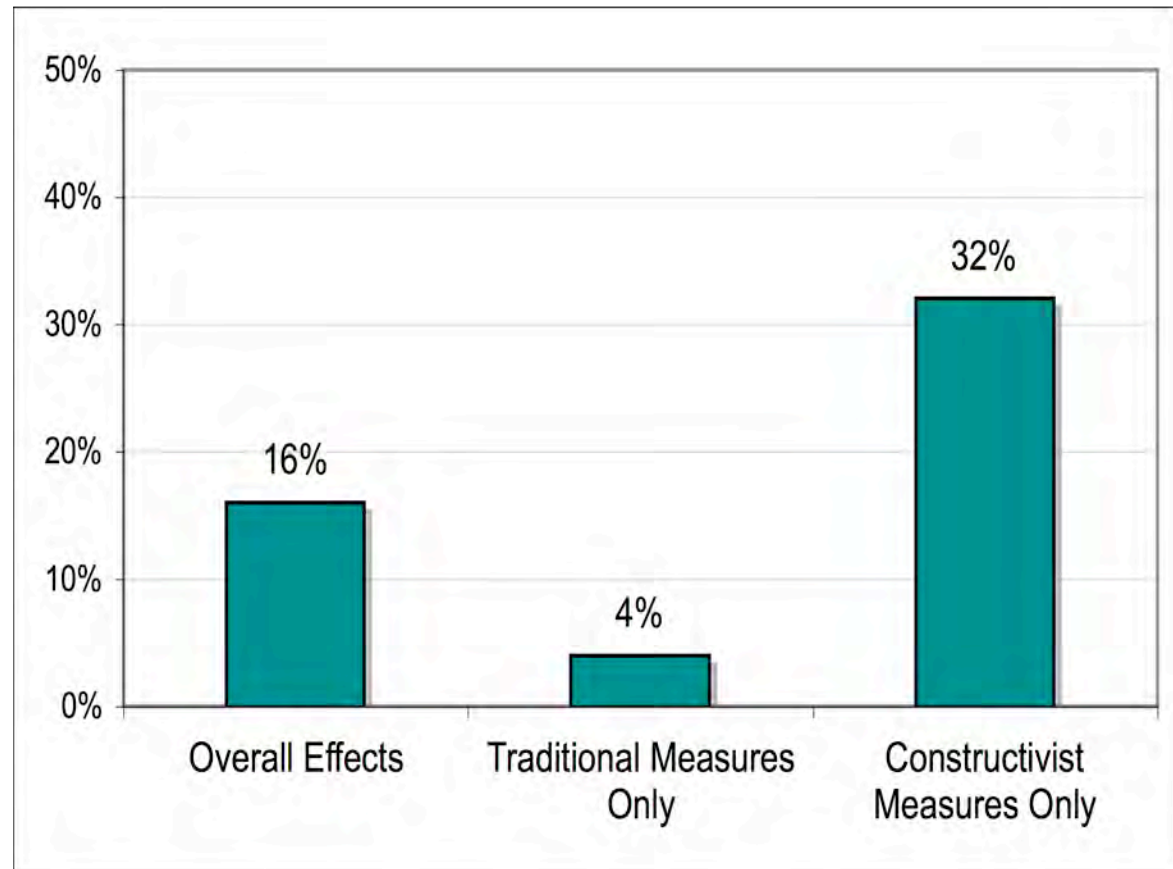
[Constitution Day \(Week\)](#)

[So what party will you attend?](#)

[Define Moderate](#)

[Why am I a Liberal?](#)

Technology Intensive, Constructivist Environment



Rosen and Solomon (2007): Studies 1987 - 2002



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Thu., November 10 OUR WORK OUR FIRM FEATURES PRESENTATIONS RESOURCES JOBS TOOLS

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contemporary
skills...
contemporary
learners

What's New?

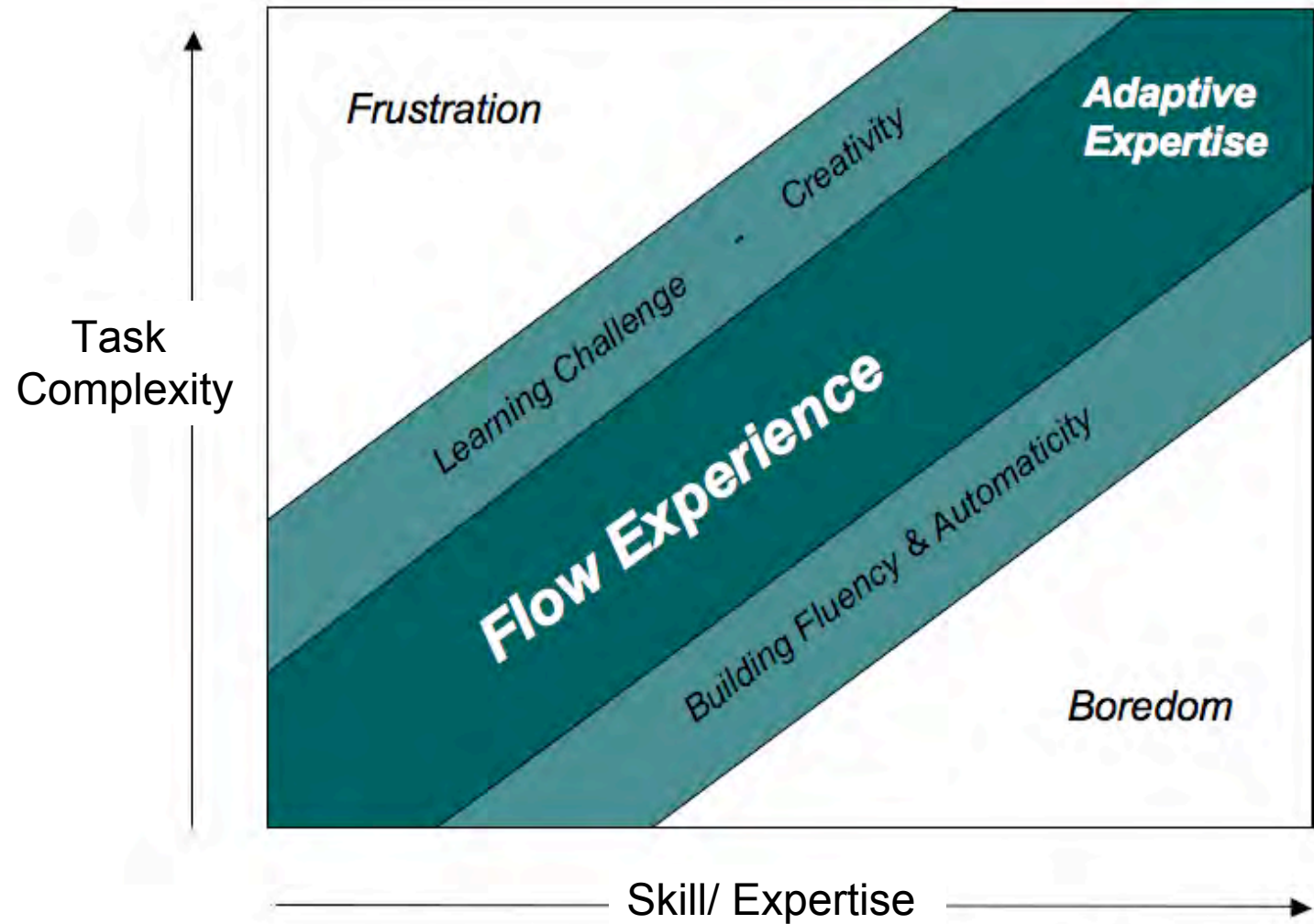
HOT OFF THE PRESSES! With help from Metiri, the State Education Technology Directors Association (SETDA) has officially released its *2005 National Trends Report*. Intended to inform national policymakers on the progress of state and local education agencies in achieving NCLB II D goals, the report also offers up-to-date information on the strategies and tactics states and school districts are using to get results. Download [key facts and findings](#) here, or check out the full report at: <http://www.setda.org/>.

Metiri's *Technology Solutions that Work* (TSW) Database is Expanding!

Looking to inform your decision-making about technology with sound, reliable research? Finding it difficult to locate research aligned to your interests, and even more difficult to know which research findings are significant and which are not?

Now available for Early Literacy *and* Middle School/ High School Mathematics, Metiri's Technology Solutions that Work (TSW) database puts research at your fingertips, providing an in-

FLOW...



Source: Csikszentmihaly, M.(1996) and Swartz, Bransford, & Sears (in press)
as cited by Darling-Hammond & Bransford (2005)