2019 Illinois Education and Technology Conference

Thursday, November 14, 2019
Purpose: Explain what a Bold School is, the Bold School Framework, and how it works on two instructional strategies.

Relevancy: We have to layer technologies onto our instruction but we must do so with strategy, pedagogy, and purpose.

Criteria for Success: You can explain the Bold School mindset to a fellow colleague and think of an example to implement.
TRUTH or Myth?

Education is broken because it is not keeping pace with technology.
“At its core, how is the Chromebook any different from the pencil? Or the typewriter? Or the calculator? Or the newspaper, for that matter? At one point, each of these technologies was new and disruptive. Just because they came along didn’t mean we upended instruction as we knew it. We folded them into what was working well in our classrooms for more efficiency and effectiveness.”
Truth or Myth?

Kids are digital natives.
THE FILES ARE IN THE COMPUTER?

...IT'S SO SIMPLE.
Only 23% of college students could conduct a well-executed internet search.
**TRUTH or Myth?**

Blended learning means knowing how to use technology to reach academic goals.
WAIT A MINUTE

I NEED TO POST THIS
TRUTH or Myth?

Instructional practices, pedagogy, and outcomes should drive tech decisions.
Choose your destination...

before you decide on a vehicle
Truth or Myth?

Blended learning should elevate what you do best.
What do you do awesomely?

Now, choose a tool that makes you even better at what you love to do!
The old way of teaching doesn’t work anymore.
“We must constantly look at things in a new way.”
TRUTH or Myth?

You are still the smartest, most needed person in the room.
you are more important than you realize
Many blended learning initiatives have fallen flat because too much attention was paid to the bright, shiny technologies, and not enough attention was paid to instructional strategies, pedagogy, and academic goals that teachers apply to instruction.
blended learning

- Face-to-face instruction
- Digital instructional tools
What is a Bold School?

- Showing the courage to hold onto old school wisdom as you blend new school technologies with purpose into instruction that works.
- Daring to champion innovative technologies and do against the grain to stand up for old school wisdom and teacher expertise—to finally deliver on the promise of blended learning.
- A district, school, person, or action that embodies, personifies, breathes a bold school attitude, and in doing so, inspires others to do the same.
Show the courage to hold onto old school wisdom as you blend new school technologies.
Technology is awesome. Teachers are better.
How many times have you started or seen your colleagues start a blended learning initiative or instructional practice focused on the digital device or tool?

I'm being observed next week; what do I want my kids to do with the Chromebooks?

How am I going to use Schoology today?
If one component is missing, something is not and cannot be strategic.

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<th>Tool Paradigm Defined</th>
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We know the truth. We have to layer technologies onto our instruction. We must do so with strategy, pedagogy and purpose. That comes from educators not the technologies themselves.
Vocabulary Instruction

USE IT or LOSE IT
This strategy depends on vocabulary instruction taught in a formal, structured way, where words are related to core concepts being learned and delivered in context.
What is Effective Vocabulary Instruction?

★ Must be formal and structured (dedicated instruction that relies on deeper thinking about word meaning)

★ Must be taught with context and repeated exposure

★ There is no comprehension without picturing
The LANGUAGE GAP is the main driver of the ACHIEVEMENT GAP between socioeconomic groups. Why it matters: Having a strong sense of vocabulary GETS YOU NOTICED for jobs, college apps, scholarships and professionalism.
WHEN TO USE IT

- Start of a unit
- Building context
- Reinforcing concepts for struggling learners
# Bold School Example

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Goal (I.O.’s)

★ Build content specific vocabulary to enhance understanding of the unit.

Example: Math unit
1. Develop understanding of statistical variability
2. Define median, mean, mode, and range.
Strategy: Vocabulary Instruction

Vocabulary instruction includes:

- Visualization
- Drill Practice
- Contextualization
**Tools - old school**

★ **The Frayer Model:**

1. Define the word
2. Describe it, draw it, or explain its essential characteristics
3. Think of examples of the word
4. List non-examples of the word

★ **Flashcards** with imagery

★ **“Mnemonic keyword method”** = students first learning a concrete word that sounds like the target word, and then creating an image linking the target word to its definition (example: angler-angel-picture of angel catching a fish)

★ **Word wall**

★ **Mindmaps** with vocabulary word as the focus

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**Anion**

Pronunciation: [əˈnʌɪən] - noun, Chemistry

1. An ion with a paws-itive charge.
2. The cutest ion ever.

Anion are negative
How tech can enhance...

★ Visuals with vivid images
★ Shareability
★ Collaboration

Tech Tools
- Pear Deck Flashcard Factory
- Quizlet
- Google Slides
- FlipGrid
- Padlet
- Popplet
- VR or AR
Direct Instruction

It's not your old school lecture
Many teachers find the mention of "direct instruction" in contrast to their concepts of desirable teaching methods. This is because it is so often incorrectly confused with didactic teaching.
What is effective Direct Instruction?

Direct Instruction is **more** than lecturing—it’s a **choreographed, pre-planned series** of events that come together to teach new information and support students through to mastery.

★ Teacher has a clear idea of what the **learning intentions** are.
★ Clear **criteria for success**
  ○ Teacher provides cues to students throughout when the most important points are being made to help them synthesize and process information and form understanding.
★ There is a need to **build commitment and engagement** in the learning task.
★ Teacher should present the lesson and include notions such as **input**, **modeling**, and **checking for understanding**.
★ It includes **guided practice**.
★ There is **closure** part of the lesson.
★ There is **independent practice**.
WHEN TO USE IT

- Introducing a new concept
- Providing instruction for students with limited background knowledge
- Guided practice throughout the unit
- Project Checkpoints
Most efficient and effective way for students to learn NEW content.

Opportunities for modeling, guided practice, and independent practice leading towards MASTERY of skills or understanding of concepts.
## Remember the **Bold School** Framework

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Goal (I.O.’s)

★ Develop an in-depth understanding of a new concept or master a new skill.

Example: Social Studies Unit
1. Analyze cartoons, artifacts, artwork, charts and graphs to eras and themes.
2. Interpret primary Source Documents
Strategy: **Direct Instruction**

Direct instruction includes:

- Teacher defined goals
- Modeling of concepts and skills
- Formative checks
- Clarification or enrichment
- Practice (guided and independent)
Tools - old school

★ Formative Checks for Understanding
  ○ Fist to Five
  ○ Red, Yellow, Green
  ○ Journals
  ○ Emoji (smiley face reactions)
  ○ Partner Conversations
  ○ Exit Ticket Strategies
Tools - **BOLD SCHOOL**

★ Technology Integration enhances your direct instruction.

Allows for:

- Increased engagement by all students
- Checks for understanding to see if you should move on or need to re-teach.
- Digital backchannels for students to ask questions without breaking the flow of class and without having to raise hands and make a public confession of confusion.

Tech Tools:
- Pear Deck or Slides
- NearPod
- ClassFlow
- Socrative
- Schoology Practices
- Poll Everywhere
- Forms
Other Bold School Instructional Strategies

- Interactive Video Method
- Questioning/Socratic Method
- Peer Tutoring
- Concept Mapping

- Worked Examples
- Self-Assessment
- Reciprocal Teaching
- Problem Solving Teaching
- Spaced vs. Mass Practice
References


Pretend your friend was absent from class today...

Write what you would say if you had to explain the lesson to your friend.
Presenter Contact Information

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