

SPECIALLY DESIGNED INSTRUCTION: TIPS, TOOLS, AND TECHNOLOGY THAT ASSIST EDUCATORS IN DESIGN AND DELIVERY

Brady Tragesser: brady.tragesser@indstate.edu

Daniel G McNulty: dmcnulty@patinsproject.org
@danielgmcnulty



Who We Are



www.patinsproject.org

In what ways does SDI shape instruction for students with disabilities?

Respond at PollEv.com/bradytrages705
Text BRADYTRAGES705 to 37607 once to join, then text your message



In what ways does SDI shape instruction for students with disabilities?

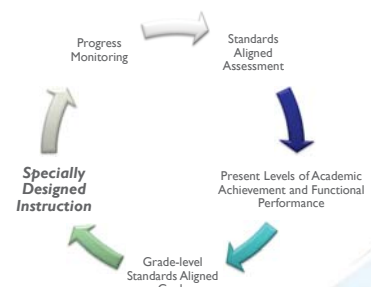
Start the presentation to see this content. SDI is not content! read the app or get help at PollEv.com/help

Specially Designed Instruction

<p>? Specially Designed Instruction:</p>	<p>Based on the present level and the outcomes anticipated for this student, what does he or she need this year to make progress and/or begin to close the gap between his or her performance and that of his or her peers?</p>
<p>Goal Statement:</p>	<p>What change do you expect in this student by this time next year?</p>

Adapting the content, methods and/or instructional delivery to address the unique needs of a student. SDI ensures access to grade level academic standards or content connectors.

DEVELOPING SDI



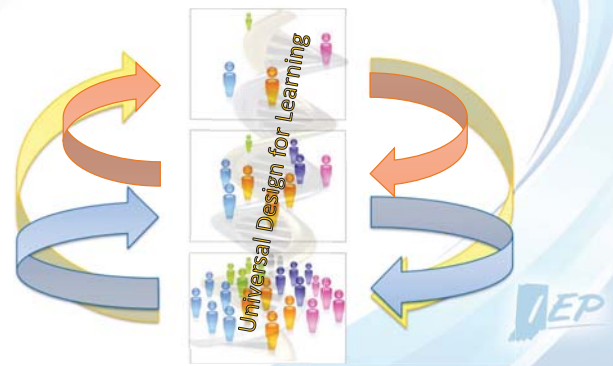
SDI connects to the goal, which comes from needs identified in present levels, which comes from assessment.



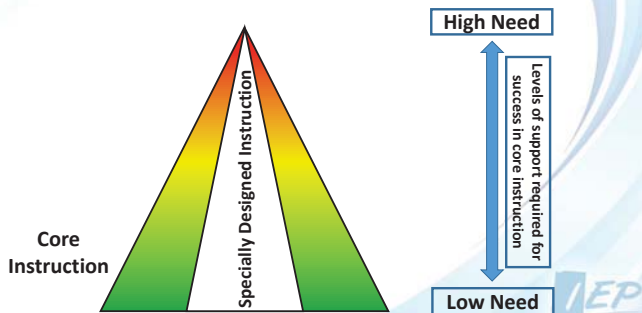
ESSA: MTSS AND UDL



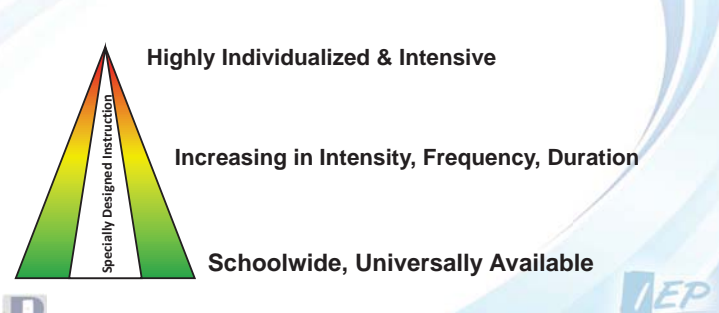
BRAIDING OF MTSS AND UDL



SDI THROUGH THE MTSS LENS



MTSS: TOOLS AND TECHNOLOGY



SDI

COMPARED WITH

UDL

Specially Designed for a Specific Individual

Purposefully Designed without a specific Individual in Mind

MODIFICATIONS VS. ACCOMMODATIONS

A **Modification** is when general education curriculum or learning expectation is altered.

Accommodations do not modify the content, but allow for some changes to the presentation, timing, response, setting, interaction, or equipment.

UNIVERSAL DESIGN FOR LEARNING

Multiple Means of Engagement



“Why” of Learning
(Connection)



Multiple Means of Representation

“What” of Learning
(Input)



Multiple Means of Action/Expression

“How” of Learning
(Output)



Universal Design for Learning

A **FRAMEWORK** full of **CHOICE & FLEXIBILITY**

Providing **Multiple** and **Flexible** Means of:

- **ENGAGING** Students
- **PRESENTING** Info to Students
- Allowing Students to **RESPOND**



COMPONENTS OF ACCESS THROUGH ACCOMMODATIONS

- **AEM (Specialized Formats of Materials):** Differing presentation of the SAME content.
- **Assistive Technology:** Differing ways of accessing, interacting with, or responding to the SAME content.
- **Universal Design for Learning:** Flexible nature of CHOICE, built into the learning environment



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UDL

vs.

AEM

vs.

AT



The **Principles** that Address “problems” With the curriculum.

CAN require AT



The **Materials** that Help all students access to the content.

CAN require AT for Implementation.



The **Tools** needed to participate and learn And *sometimes* to Implement AEM.



UDL: TOOLS, STRATEGIES, RESOURCES

- **Acquisition of Accessible Materials, Purchased, Created, Print, Digital**
- **Flexible Seating Options**
- **PATINS UDL Lesson Plan Creator:** <http://www.patinsproject.org/services/udl>
- **UDL Tech Toolkit:** <https://udltechtoolkit.wikispaces.com/>
- **Built-In Text To Speech & Speech to Text**



SOME UDL STRATEGIES/METHODS

- **All**
 - Choices in location and seating
 - Varied writing utensils and paper
 - Handwriting alternatives (*typed, speech to text*)
 - Project options/choices
 - Advanced background information
 - Post lesson enhancement
 - Information presented auditorily, visually, kinesthetically, and available outside of classroom



SOME UDL TOOLS

- Keyboard variations, joystick, one-handed, etc.
- Talking word processor or text to speech
- Drawing tools
- iPad/Tablet (*presentation & response*)
- Wikipedia Tools
- Highlighters (*digital and conventional*)

- Organizational apps
- **Word Prediction software**
- Sound Field Systems

- iAuthor
- Alice Keeler's Web Recorder
- Virtual Reality
- Augmented Reality
- iMovie / Moviemaker (*apps or computer based*)



UDL: TOOLS & RESOURCES FOR DESIGN AND DELIVERY

GOOGLE DOCS

- OCR: Optical Character Recognition
- Take picture of document
- Drag into Google Drive
- "Open with..." Google Docs
- Read with Read & Write for Google

Google Docs has
Speech to Text built in!



SDI: TOOLS & RESOURCES FOR DESIGN AND DELIVERY

- Data Collection for accurate Present Levels of Performance
- PATINS Lending Library of Assistive Tech
 - Communication Devices (AAC)
 - Specialized Input/Output Devices
- Specialized Formats of Materials (ICAM)
- Specialized Instructional Methods for Individual Students.



AEM

- Specialized Formats
 1. Braille
 2. Large Print
 3. Digital Text
 4. Audio
 5. Captions
 6. Video
 7. Tactile Graphics
 8. Audio Descriptions



www.patinsproject.com/icam/icam



RESOURCES

PATINS Training Offerings: <http://bit.ly/patinstrainingcal>

Indiana IEP Resource Center Training Offerings: <https://indianaieprc.org/index.php/workshops>

