

# Disruptive Thinking in Our Classrooms

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#DisruptiveThink



**#DisruptiveThink**  
Connect with me @E\_Sheninger



There are people who go...

# ABOVE & BEYOND!







The time is now  
to **transform**  
teaching,  
learning, and  
leadership.





 [@e\\_sheninger](https://twitter.com/e_sheninger)





WE NEED TO FOCUS MORE  
ON THE "WHAT IFS?" AND  
LESS ON THE "YEAH,  
BUTS."

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# Learning in to Learning



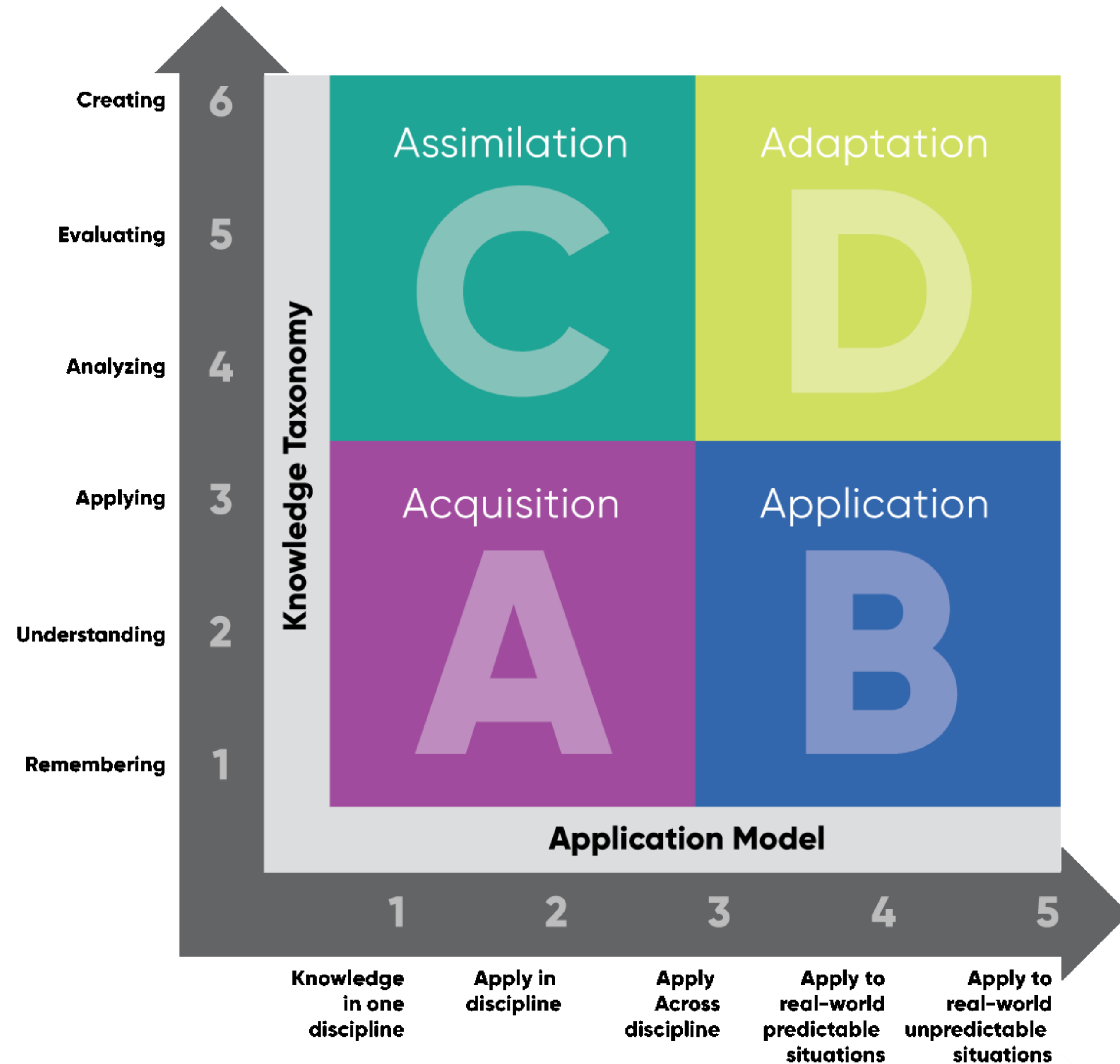


All kids have  
greatness hidden  
inside them. It is  
the job of an  
educator to help  
them find and  
unleash it. -  
@E\_Sheninger

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# Rigor/Relevance Framework®



A lack of  
relevance can be  
draining.







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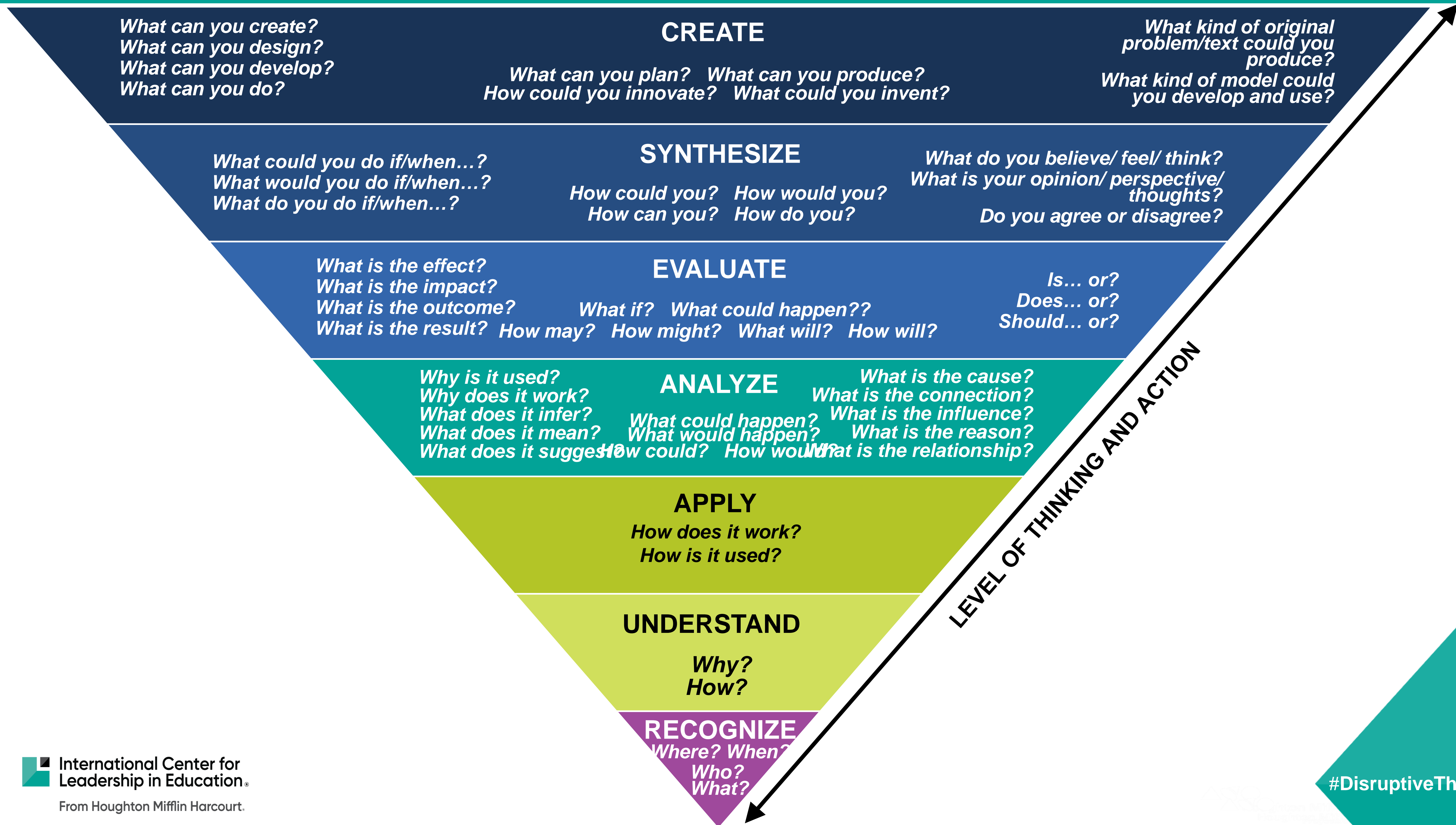
# If a Lesson is Relevant, Students Will be Able to Tell You:

What They Learned

Why They Learned It

How They Will Use It

The lesson  
will have  
meaning for  
students.





# WHAT DO YOU WANT KIDS TO DO WITH TECHNOLOGY?

## WRONG ANSWERS

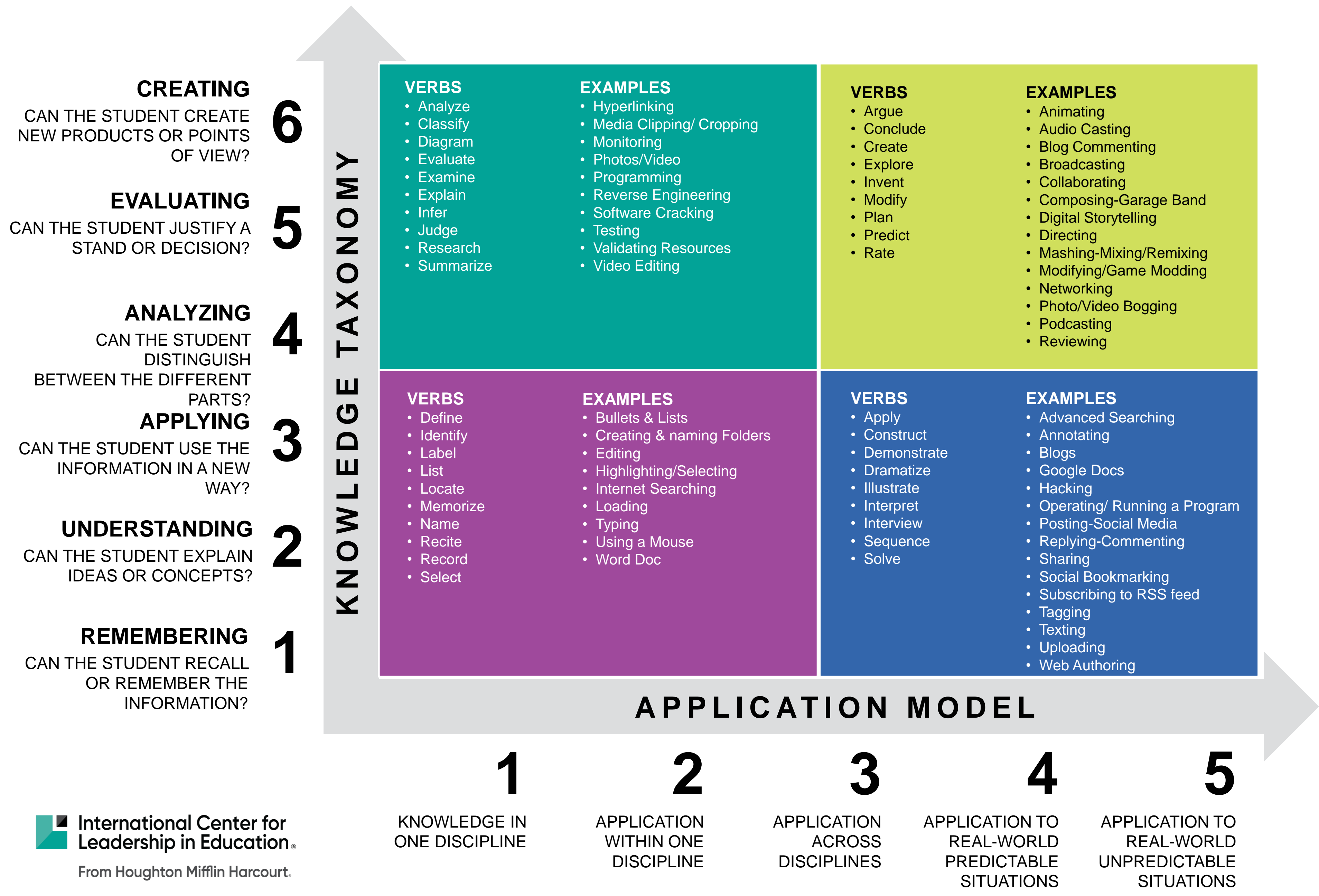
- MAKE PREZIS
- START BLOGS
- CREATE WORDLES
- PUBLISH ANIMOTOS
- DESIGN FLIPCHARTS
- PRODUCE VIDEOS
- POST TO EDMODO
- USE WHITEBOARD
- DEVELOP APPS

## RIGHT ANSWERS

- RAISE AWARENESS
- START CONVERSATIONS
- FIND ANSWERS  
(TO THEIR QUESTIONS)
- JOIN PARTNERS
- CHANGE MINDS
- MAKE A DIFFERENCE
- TAKE ACTION
- DRIVE CHANGE

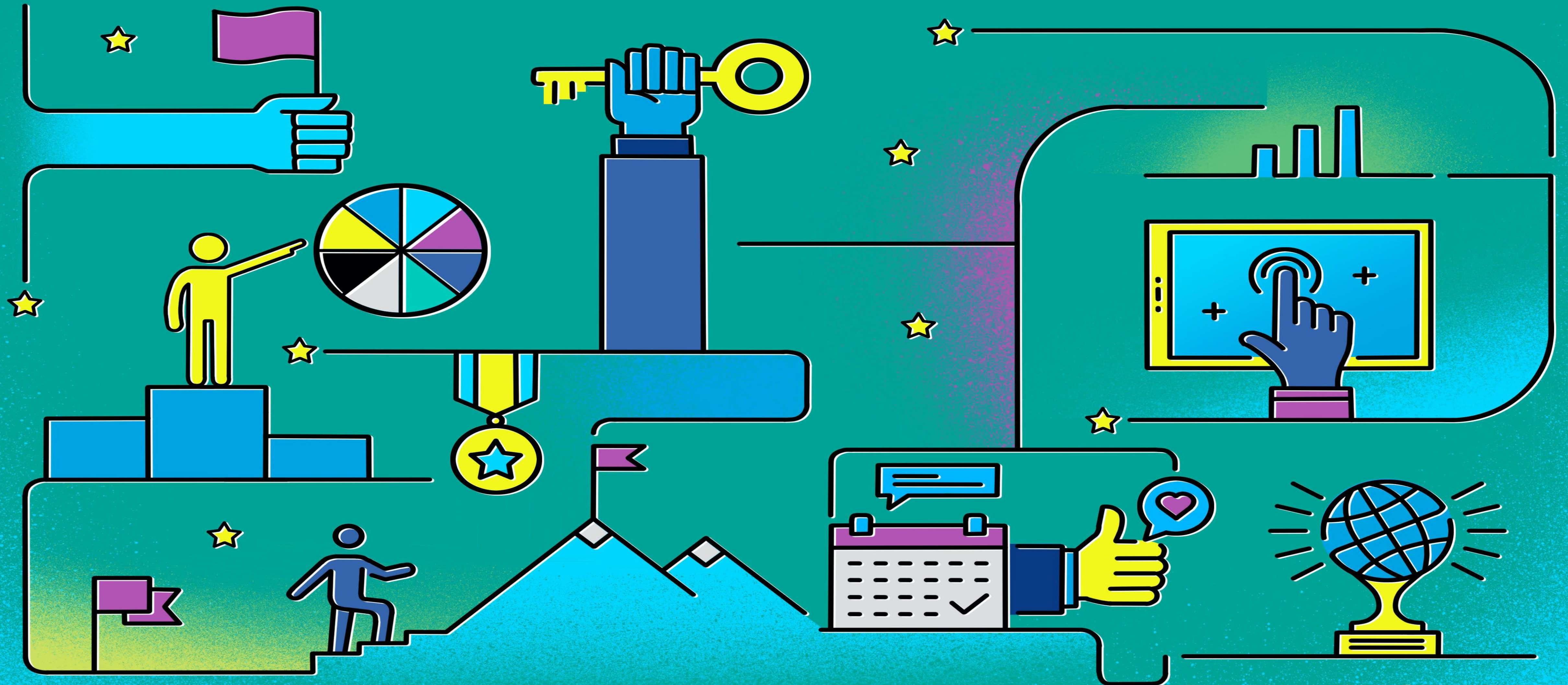
TECHNOLOGY IS A TOOL, NOT A  
LEARNING OUTCOME.

# Technology Use By Quadrant





**“Don’t prepare learners for something.  
Prepare them for anything!”**—Eric Shener





# Meeting the Needs of ALL



Experiences  
**shape** our  
learning.





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# How to prepare for a Zoom meeting





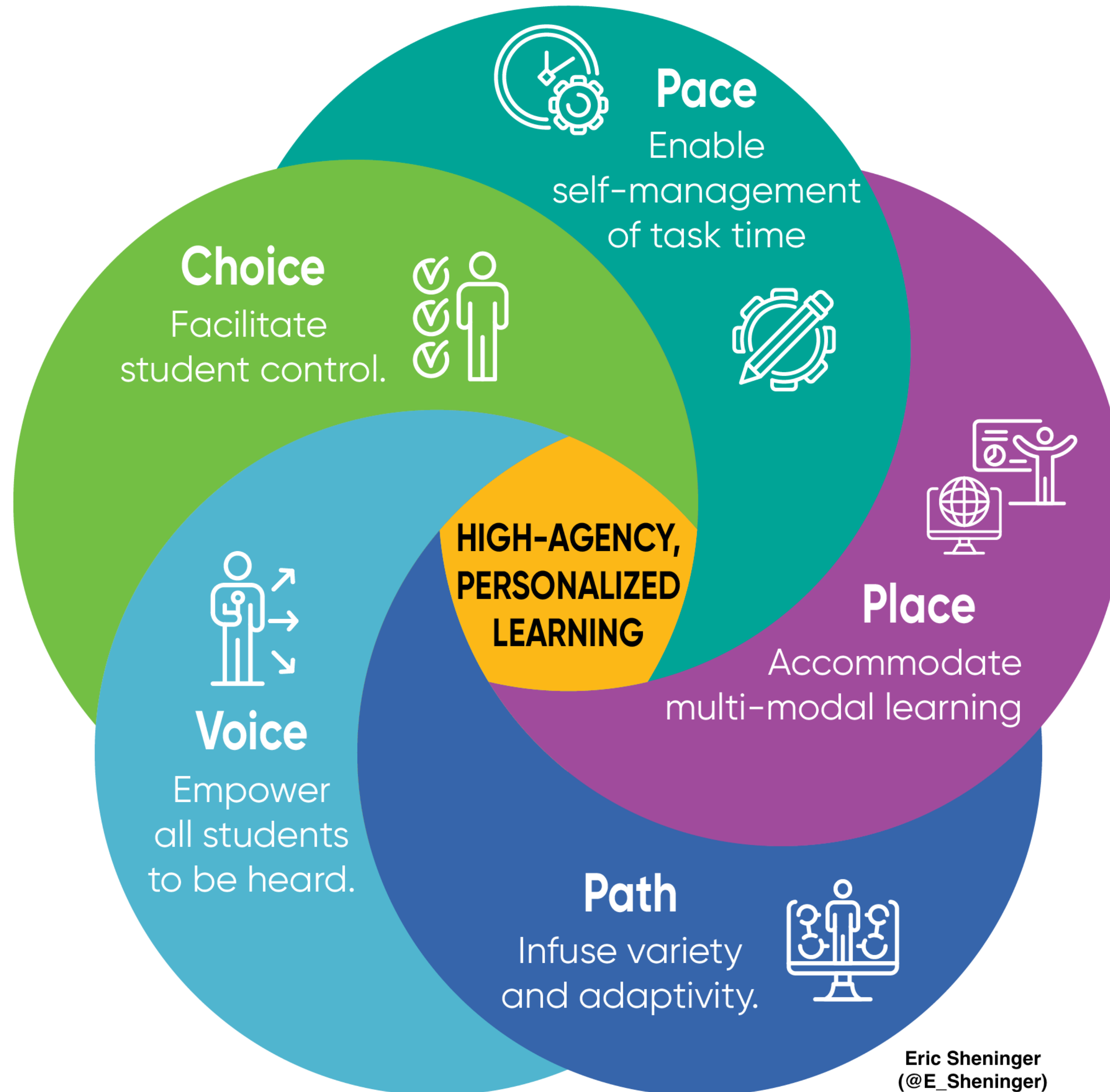
# Equality



# Equity









# THURSDAY READING ROTATIONS

Independent Reading

Independent Reading

**seesaw scavenger hunt**

**seesaw scavenger hunt**

**Poetry**

Independent Reading

Independent Reading

Independent Reading

**seesaw scavenger hunt**

**seesaw scavenger hunt**

Independent Reading

Independent Reading

**Epic &**

**Independent Reading:**  
Work on Non-Fiction Text Features and then read quietly when you are done.  
**Poetry** - Go to iPad table and watch Poetry lesson on Seesaw activities tab  
**Seesaw Scavenger Hunt** - Get with your partner and complete the activities

00:05:43

Pause

Clear

+ Add interval

Rotation One

00:20:00

Rotation Two

00:20:00

Rotation 3

00:20:00

Total 00:14:16:56

Restart when done:

Save Timer

1:05 PM  
11/9/2017



# Molecules of Life Choice Board

## Superhero Macromolecule

Create & draw 1 macromolecule superhero. Their functions should be incorporated into its powers.  
Macromolecule structures and components must be evident in drawing.

## Review Game

Create a review game/tool for the class about one macromolecule. Be CREATIVE. You must hand in a copy or link to the game as well as a written copy of the questions. There should be a minimum of 25 questions. Try kahoot.it or Quizlet.

## Comic Strip

Create a comic for a macromolecule. It should explain in detail each molecule and include pictures of examples and structures. The function of your molecule must be included. Try Home of Comic Life (plasq.com) to download the app.

## Letter from a Nutritionist

Write a letter (at least 1 page typed) as if you are a nutritionist writing to a patient about living a healthier lifestyle. Include the necessary biological molecule that your patient needs to keep his/her body in homeostasis.

## Bozeman Biology Video + Notes

Watch a Bozeman Biology Video (<http://www.bozemanscience.com/biology-main-page>) on Carbohydrates, Lipids, Proteins, Nucleic Acids or Molecules of Life- Take notes and create a macromolecules Sketchnote that includes all important information about the molecule.

## Disease Research

Research a disease/condition related to one of the four macromolecules. Describe the diseases/conditions with respect to the structures and functions of the macromolecules in a report (at least 1 page typed, double spaced).

## Build a Molecule

Create 3D structures of one of the 4 different macromolecules. Each must be labeled (with individual parts such as Phosphate – nitrogenous base – ribose, Carbon, Hydrogen, Oxygen, etc.).  
Examples & functions of each macromolecule must be included on a card. Upload photo of your work.

## Macromolecule Jingle

Create a song about a macromolecule of your choice.. You must have at least 5 verses and a beat. The recording can be done of Flipgrid or submitted as an mp4.

## Macromolecule Video

Create a video describing the four different types of macromolecules regarding the structure and function. You MUST be in the video and it must be original material- no copying a video that was already done.



[illegible]



# Equality **vs.** Equity **in** Education

## Equality

Eric Sheninger (@E\_Sheninger)  
Image created by @RigorRelevance



## Equity (through Personalization)

**Station Rotation**

**Choice Boards**

**Playlists**

**Flipped Lessons**





# Better Than Before



Lessons are  
learned **every**  
**day** .



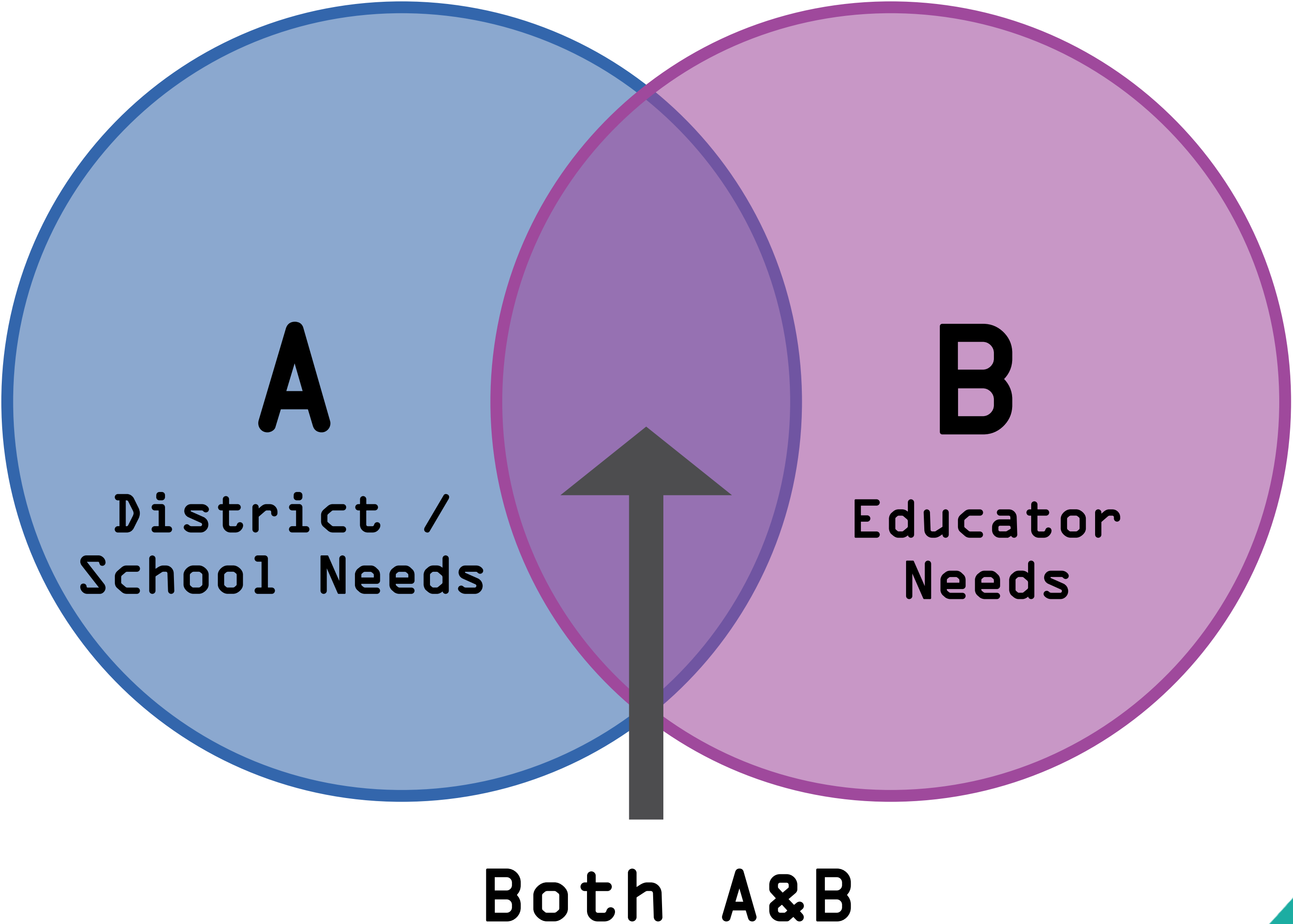




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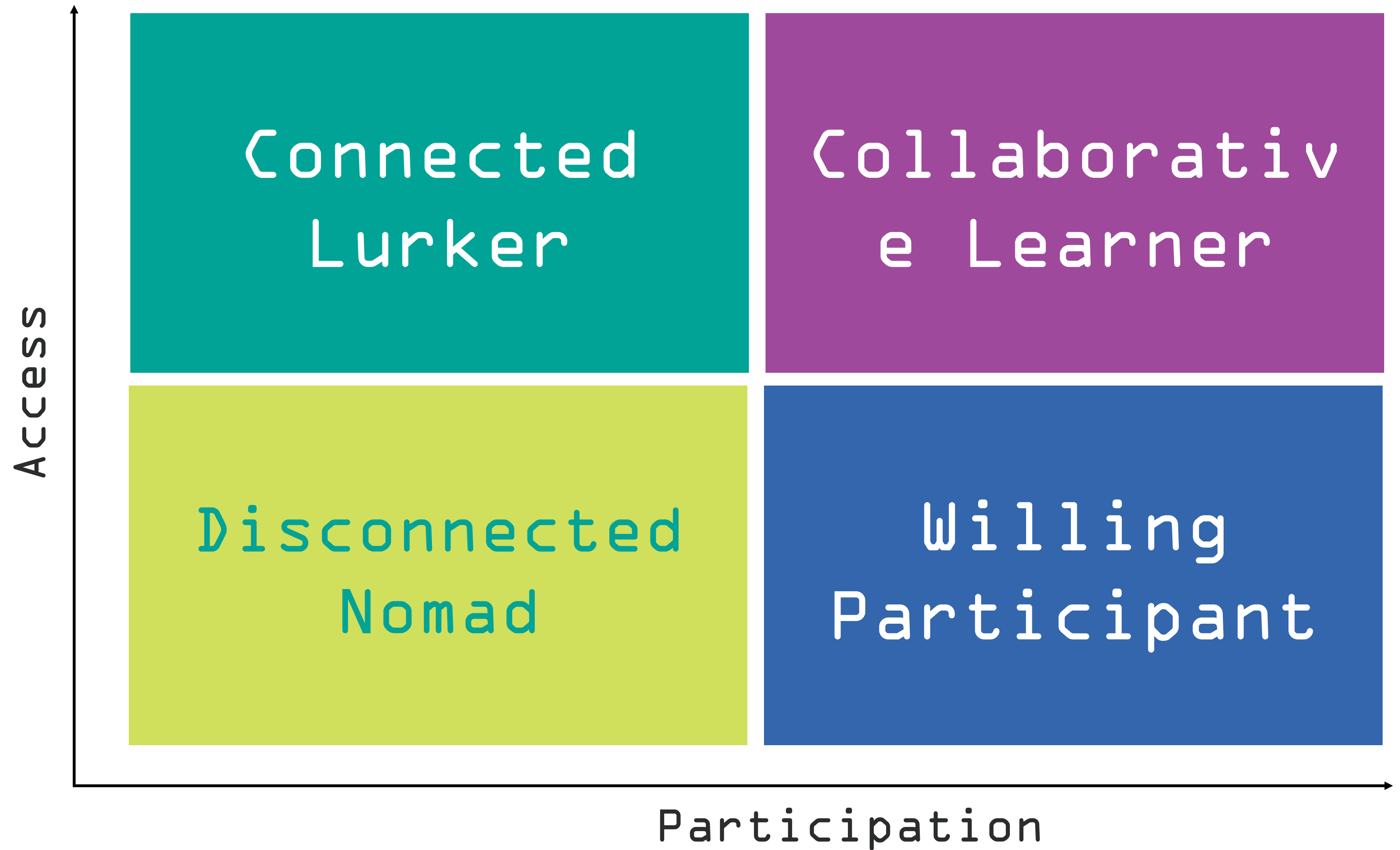
 @e\_sheninger

# Effective Professional Learning





# Digital Learning Quadrants



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Smart People



Twitter

Blogs

LinkedIn

Instagram

Pinterest



Me



**If you're  
the smartest  
person in the  
room, then  
you're in the  
wrong room.**



*Gecko & Fly Quotes*  
*[www.geckoandfly.com](http://www.geckoandfly.com)*

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# Share the Stories





Effective  
communication helps  
to achieve goals and  
engage families.






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In the animal kingdom, the rule  
is, eat or be eaten; in the human  
kingdom, define or be defined.

Thomas Stephen Szasz

quote fancy





Become the  
Storyteller-in-  
Chief





You can do anything,  
but not everything.

David Allen

“ quote fancy

It all comes down to  
relationships.  
Without trust there  
is no relationship.  
Without  
relationships no  
real learning occurs  
- @E\_Sheninger






# Key Recommendations to Create a Disruptive Thinking Culture

- Don't think you need to do it all yourself.
  - Prioritize time, standards, and SEL needs.
  - Continue to advance learning and equity in your schools with professional development.
  - Know and appreciate the impact you have.
- Bit.ly/DisruptiveThink**



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