# SYNCHRONOUS AND ASYNCHRONOUS INSTRUCTION **WHEN TO COME TOGETHER AND WHY**

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# WELCOME

ALLIANCE FOR VIRTUAL LEARNING

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Chandre began her journey with Connections Academy in 2014 as the high school principal and recently transitioned to the role of Executive Director for both schools in the IOLO district. Chandre's work includes both public district and charter schools, beginning her journey as a High School English teacher and now serving the last 10 years in K12 school administration. She became an educator because she absolutely loves learning and watching others succeed.

- Bachelor of science in education, English concentration - Indiana University Bloomington
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# ASYNCHRONOUS VS SYNCHRONOUS

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# SYNCHRONOUS INSTRUCTION

## SYNCHRONOUS

### PROS

- MOST CLOSELY RESEMBLES TRADITIONAL CLASSROOM INSTRUCTION
- BUILDS COMMUNITY AND CONNECTION
- GREAT FOR SMALL GROUP INSTRUCTION
- BOTH TEACHERS AND STUDENTS CAN GET FEEDBACK AND ANSWERS TO QUESTIONS IN REAL TIME

### CONS

- REQUIRES HIGH SPEED INTERNET. NOT ALL STUDENTS WILL HAVE THE BANDWIDTH TO HANDLE VIRTUAL MEETINGS
- LESS FLEXIBILITY FOR FAMILY/STUDENT SCHEDULES
- NOT AS INDIVIDUALIZED
- DIFFICULTY CREATING A SPACE FOR REFLECTION

# ASYNCHRONOUS INSTRUCTION

## ASYNCHRONOUS

### PROS

- STUDENT-PACED, SO STUDENTS CAN MOVE THROUGH LEARNING AT THEIR OWN PACE UTNIL THEY REACH MASTERY
- CAN BE HIGHLY INDIVIDUALIZED
- LEARNING CAN HAPPEN ANYWHERE AND AT ANY TIME
- MORE OPPORTUNITIES TO INCORPORATE MULTIPLE TOOLS AND SHARE MULTIPLE PERSPECTIVES

### CONS

- REQUIRES A TEACHER TO BE MORE INTENTIONAL ABOUT CREATING OPPORTUNITIES FOR CONNECTION AND COMMUNITY BUILDING
- REQUIRES SOME UNDERSTANDING OF HOW WE LEARN ONLINE DIFFERENTLY THAN WE LEARN IN TRADITIONAL SETTINGS
- FEEDBACK FROM TEACHER IS NOT IMMEDIATE
- MORE RESPONSIBILITY ON THE STUDENT TO STAY ENGAGED AND FOCUSED

# WHAT SHOULD BE LIVE AND WHAT SHOULD BE STUDENT-PACED?

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# DISCUSS

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# ASYNCHRONOUS DESIGN

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# COGNITIVE LOAD

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# COGNITIVE LOAD

- consistency
- chunk information
- negative space
- reflection

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# INTERACTION

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# INTERACTION

- student
- teacher
- content

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# ACTIVE ENGAGEMENT WITH CONTENT

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# ACTIVE ENGAGEMENT WITH CONTENT

- reflection
- active reading
- interactive video

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# SYNCHRONOUS DESIGN

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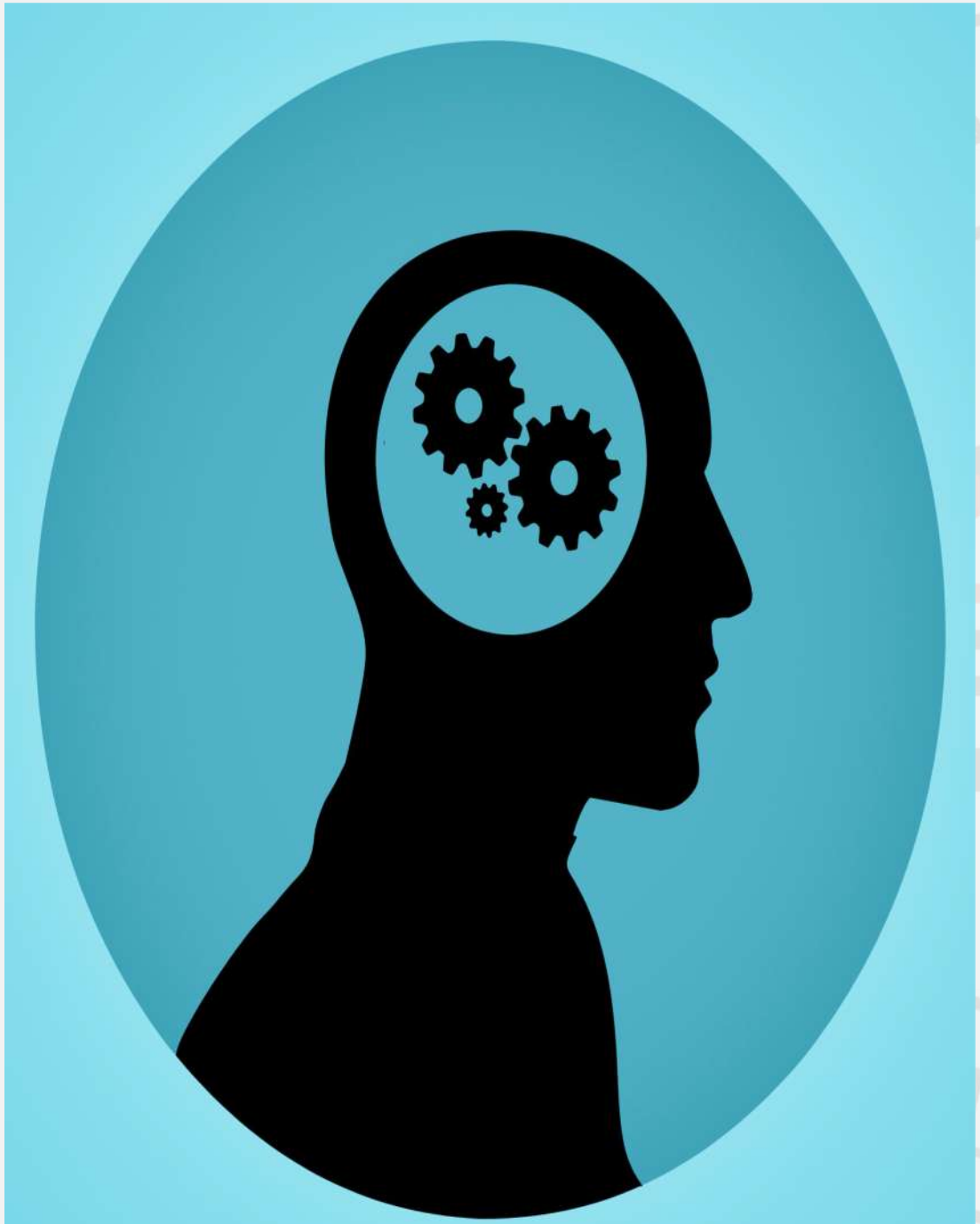
## Why, Synchronous?

Motivation + **Active Learning** = Engagement



# Active Learning

Student to Content

Student to Student

Student to Teacher

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# Reflective Moment

Think back to the last time you delivered an online lesson or observed an online lesson:

- Was Active Learning present?
- Were there places in the lesson that could have better utilized Active Learning to engage and motivate students?

# HOW?

## Student to Student

- Discussions & Debates
- Student Showcases
- Group Work & Breakout Rooms
- Peer Teaching

## Student to Content

- Virtual Field Trips
- Interactive Virtual Classroom Layouts, ie FunRetro or Kahoot
- Poll & QA Pods as Exit and Entry Tickets
- Case Studies

## Student to Teacher

- Individual Virtual Classroom Sessions
- Regular Progress Checks using Phone & Video Calls
- Video Camera use between teacher and student

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# Works Cited


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