

Instruction and AI: What to Know, What to Try, What to Watch

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Carolyn and Her Agenda

- Director of Instructional Resources, Wichita State University
- Education instructor in the Intervention services and Leadership in Education department
- Speaker on accessibility, teaching & learning, and teaching with technology







Disruption

"The spread of artificial intelligence tools in education has disrupted key aspects of teaching and learning on the nation's campuses and will likely lead to significant changes in classwork, student assignments and even the role of colleges and universities in the country..."
(AAC&U Survey Summary)





What is "Learning"? (for today's purposes):

The acquisition of enduring,
flexible, and transferable
knowledge, skills, and
understanding



What is
"Teaching"?
(for today's
purposes):

The cultivation of
learning

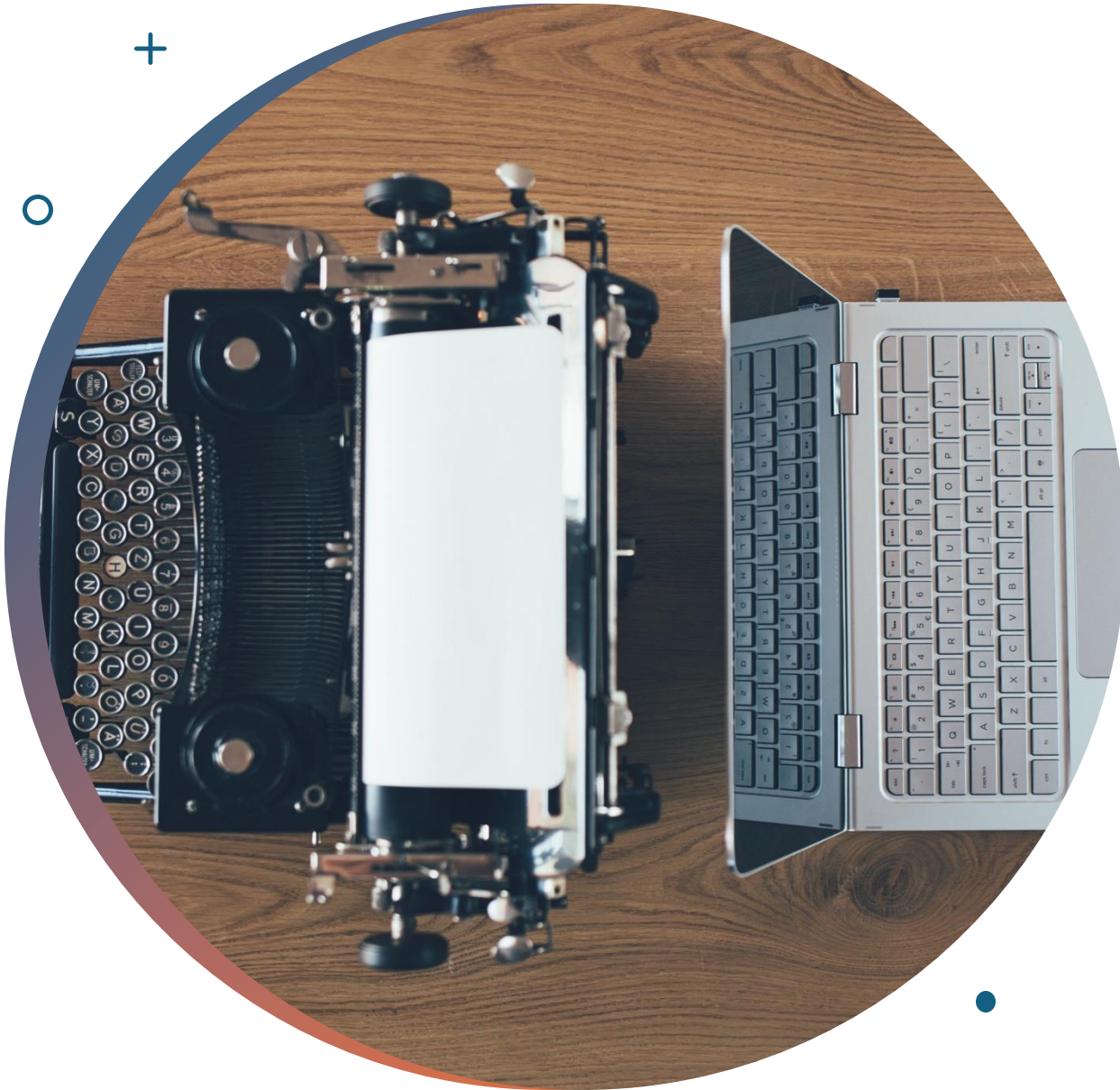


What Have Humans "Taught" Technology?

- From the frame of our definition, **technology hasn't "learned" anything.** But it HAS memorized:
 - Many (most?) facts
 - Many skills
 - Language interfaces
 - Patterns to use for analysis
- Humans must supply, moral intent, ethical action, and genuine understanding







How Do We Work with New Technologies?

- Begin with the goal in mind
- Recognize the vital role of human thinking
- Recognize when assistance from technology can **make room for human thinking**
- Cultivate these skills in the self and others



What's Next?

At your table, work through scenarios as a group



Activity #1

- Identify the “core learning” opportunities in each of several scenarios
- Choose the scenarios that are most relevant at YOUR table
- Take brief notes
- We will have a brief (5 minute or so) discussion as a whole group and a word cloud activity at the end of the activity







Activity #2

- Use the “decision tree” (paper or digital) to work through scenarios that interest your table
- As you go, reflect on the discussion and take some “light notes”
- We will have a brief (another 5 minutes or so) discussion covering the reflection questions and a word cloud activity



Just One (!) More Thing

- So many things we didn't get to
- Academic Integrity, both for students and for instructors (eg: the role of AI in grading)
- Environmental impact of these tools
- Equity, both in the creation of the tools and their ongoing use/access
- Threats and shifts to the workforce
- And lots more!
- Check out the resources for some curated articles



