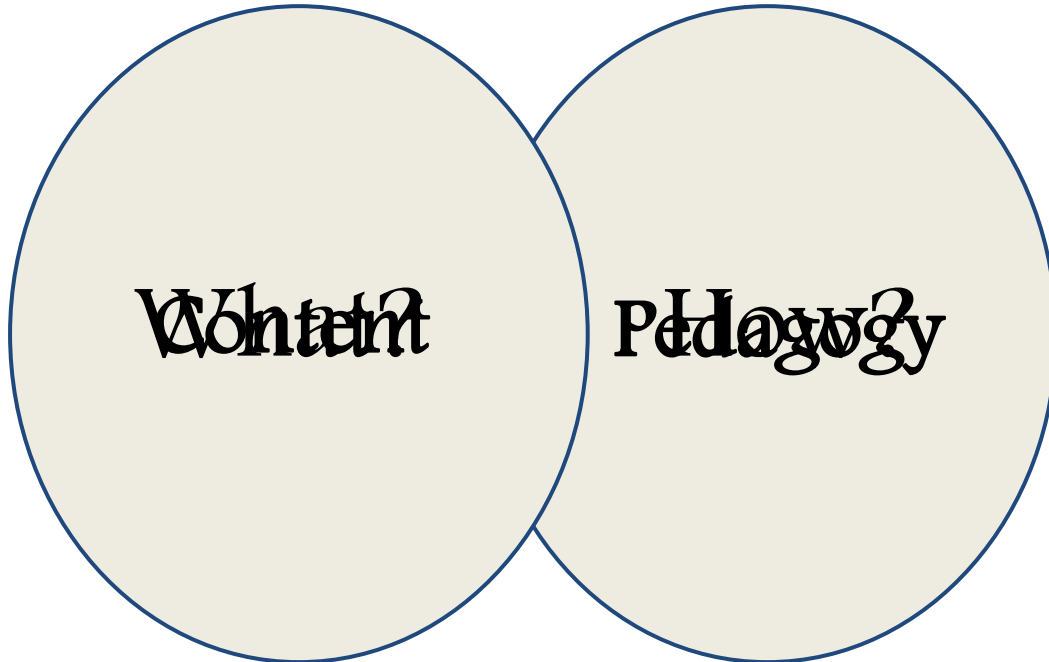


Active Engagement and Technology



What have teachers always needed?



Engaging Learners



How do we engage learners?

What makes a learning experience engaging for you?

Think about your own school/district...

Share an example of a time when you experienced students actively engaged in their learning.

<http://bit.ly/MwUF90>

Are what and how enough?



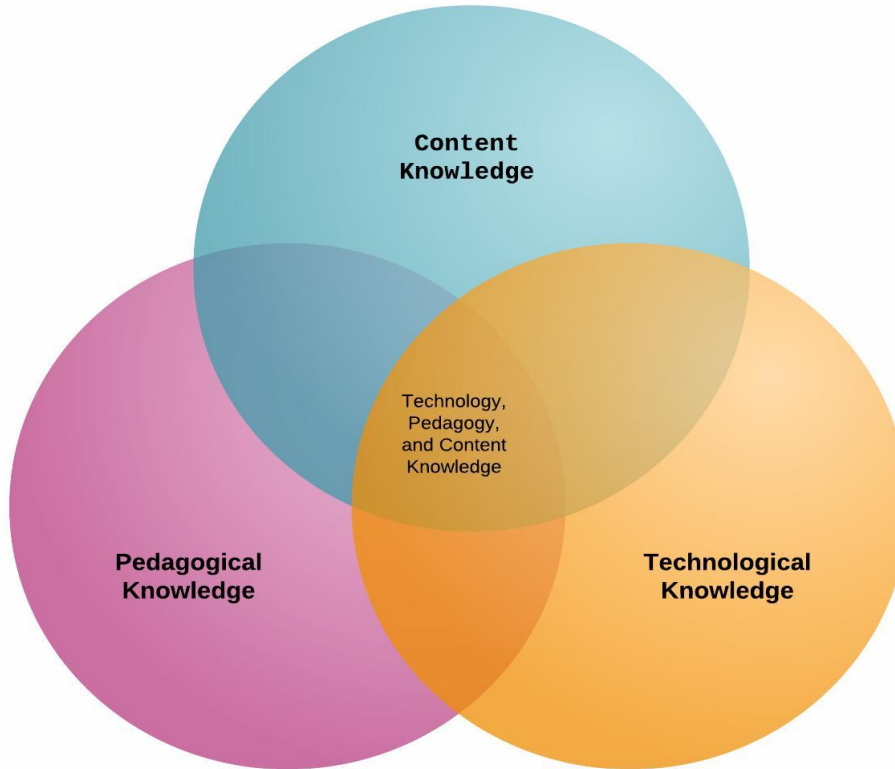
Content

Pedagogy

What's Missing?



Three Types of Knowledge



Hook Stations



- [Hook Stations](#)
- What characteristics do you see that mirror our earlier discussion about actively engaging students?
- Do you have any ideas for a station that involves technology?
- What resources might you use to find a way to integrate technology?

Pedagogical Knowledge



Knowing...

Who the learners are.

Why you're teaching a certain topic, concept or skill.

Where the lessons are going to take you.

How to teach.



Content Knowledge



Within a given field, knowing...

Central Facts

Concepts

Theories

Procedures

A Memorable Class



Technology Knowledge



Standard Technology

Books, paper, and chalkboards

More recent technologies like the internet and digital video

Digital Technology

Operating systems and computer hardware

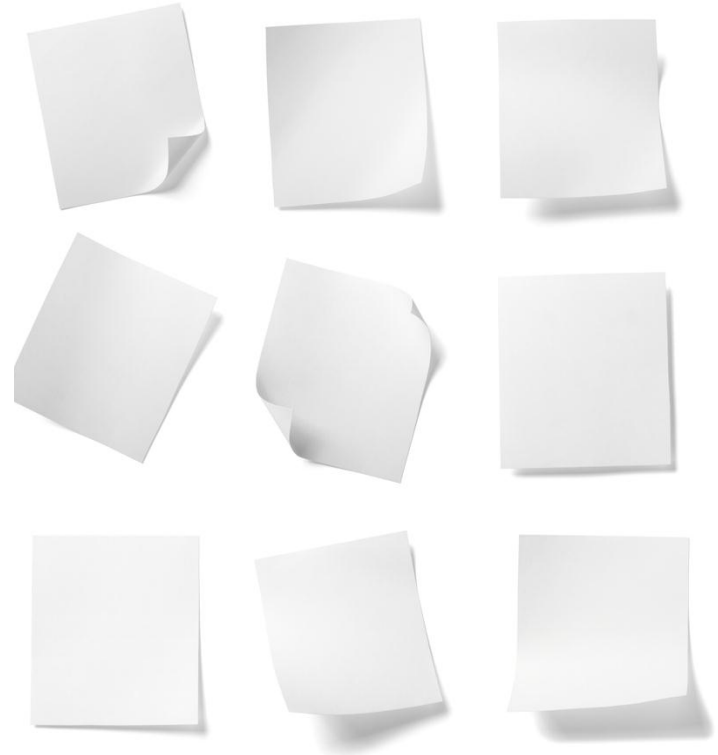
Software tools like word processors, spreadsheets, presentation software, web browsers, email, etc.

Source: www.tpack.org

Putting it all together



Technology in Education







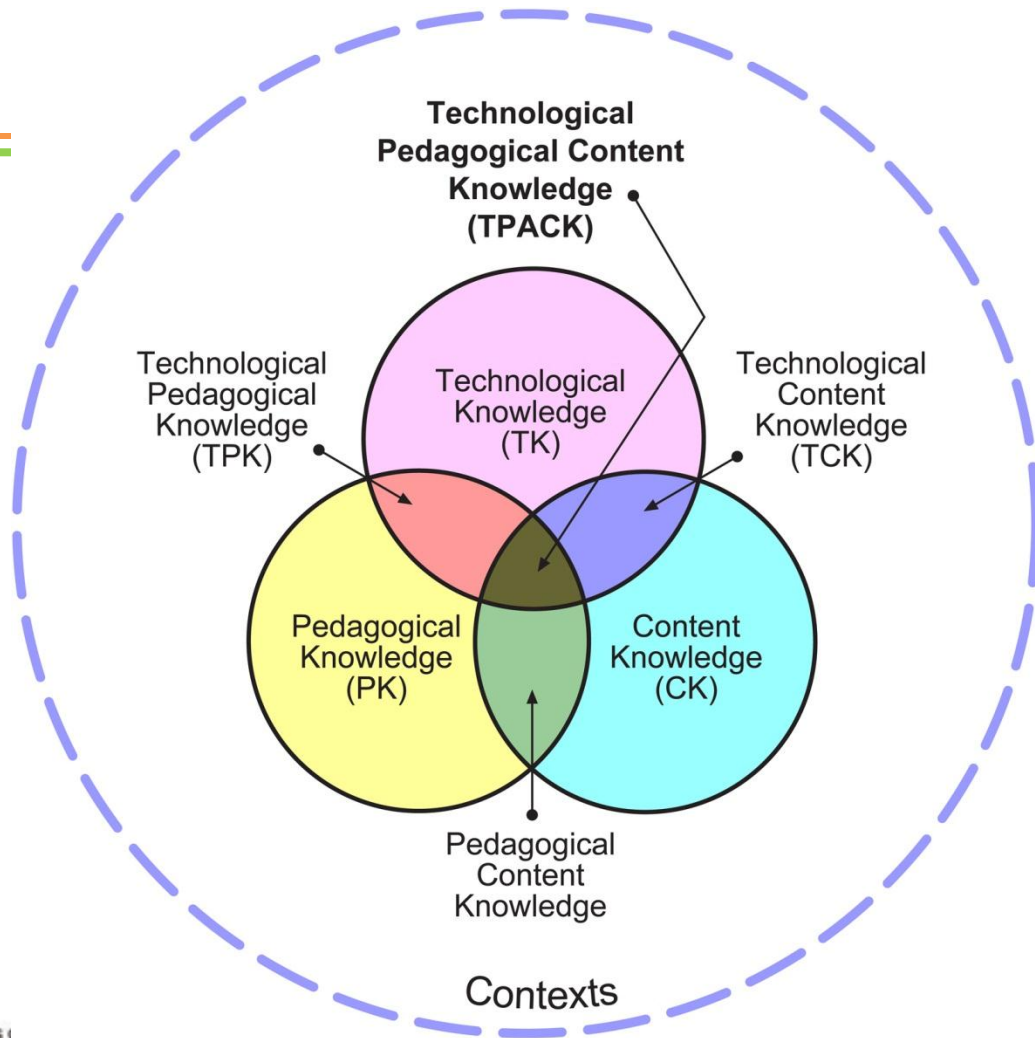
One reflects knowledge...



Standard IV



- Create a Venn Diagram with a circle for content knowledge, pedagogical knowledge, and technological knowledge.
- Review Standard IV and write the elements in your diagram where they fit best.
- You may draw this or use the online tool www.lucidchart.com



Aligning to the Standards



Lucid Chart

