

Hello and Happy Friday!

Unpacking the Effective Use of Technology

Please find a seat with folks outside your team!



Technology Strategy: Discovery & Visioning

THE YEAR IN GLANCE



AUG

WORKSHOP WEEK WARM-UP

Introduction to the year's partnership: the people, the goals, the related efforts



SEP-
MAY

FACULTY WORKSHOP SERIES

Unpacking “effective use” of technology

Establish a shared foundation for thinking about effective technology use in teaching & learning.

COMMUNITY ENGAGEMENT SESSIONS

Space for the community to share what it wants and needs from technology education in the future

JUN-
AUG

STRATEGY & REPORTING

Compilation and share-out of key documentation and recommendations

let's dig in...



Today's Goals

TODAY IS DESIGNED FOR US TO:

- Digest the insights documented and shared at the August workshop.
- Use a shared set of questions and criteria to evaluate whether and how technology supports a learning experience.
- Apply those questions to examples from your own teaching and consider where technology is adding value—and where it may not be.
- Identify one practice, question, or experiment to carry into their teaching between now and the next session.



Today's Plan

TO HELP US ACHIEVE OUR GOALS, WE WILL:

Welcome & Insights

Activity (Small group synthesis)

Brief break

Activity (PICRAT)

Introduce & Begin Homework

Dismiss (Thank you!)



Ways You Work With Others

01

Humor

02

Listening First

03

**Open
Communication**

04

Collaboration



Best Work Requires

01

**Structure &
Organization**

02

**Humor &
Lightness**

03

Time

04

Flexibility

Ways You Work With Others



Your Best Work Requires



True today, could become, matters most

PURPOSE

*Common understanding
of how technology
enhances learning*

PROGRESSION

*Technology should flex
as students grow, and
strengthen confidence*

EQUITY & CAPACITY

*A need for guidance, support,
and opportunity, knowing the
different levels of experience,
knowledge, and confidence*



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Today's Topic

**technology and how it supports
a learning experience**

**unpacking the considerations of and complexity
within technology & learning experiences**

Let's start our journey with this question:

What makes technology “useful”?

Through the lens of our **individual**
and **collective experiences**
unpacking ways we think
technology can be useful...

Our Experience

Reflect

Individual Reflection (5 minutes)

Recall a real experience with technology and learning



Think of a time when technology was present and it helped your student(s) learn.

- What happened?
- What made the technology useful?
- What made the technology not useful?

Our Experience

Examine our experiences

Group Share Out (10 minutes)

Share your example



As you listen to your peers, **notice what seemed to make a difference** when answering “what made technology useful?”

Our Experience

Examine our experiences

Small Group Discussion (20 minutes)

Compare experiences and identify what made technology feel useful or not useful

Use the whiteboard to document.



Thought Questions:

- When we say technology was “useful” for learning, what are we using to make that judgment?
- What criteria is underneath the word “useful”?

Large Group Share Out

Establish a peer from your group to share the notes with the large group.



We started our journey with the question:

What makes technology “useful”?

Through the lens of our **individual**
and **collective experiences**
unpacking ways we think
technology can be useful...

Perhaps a different question we could ask ourselves is:

What role do we want **technology** play in education?

And how might we begin to determine the role in our teaching practice and learner experience?



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**Let's explore a tool
for this purpose...**

The PICRAT Framework

STUDENT

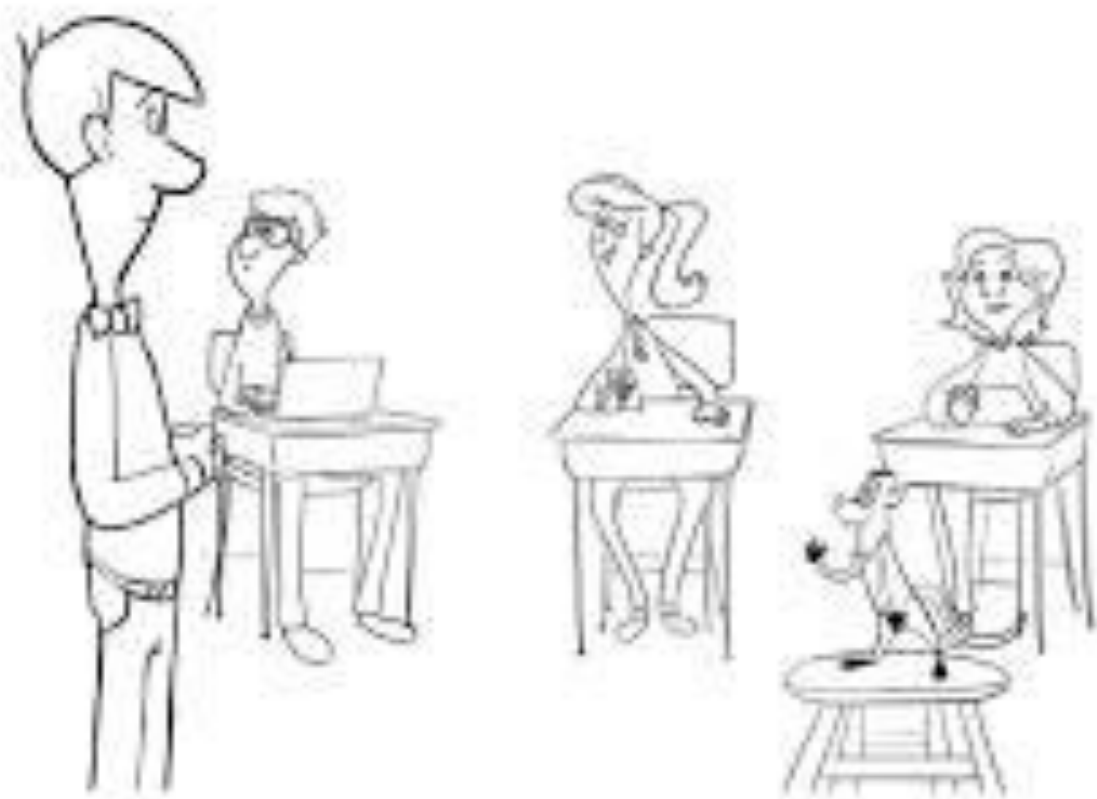
What is the **student's relationship** to the technology?

- **P**assive
- **I**nteractive
- **C**reative

TEACHER

How is the use of technology **influencing your practice?**

- **R**eplaces
- **A**mplifies
- **T**ransforms



STUDENT

T What is the student's relationship to the tech?

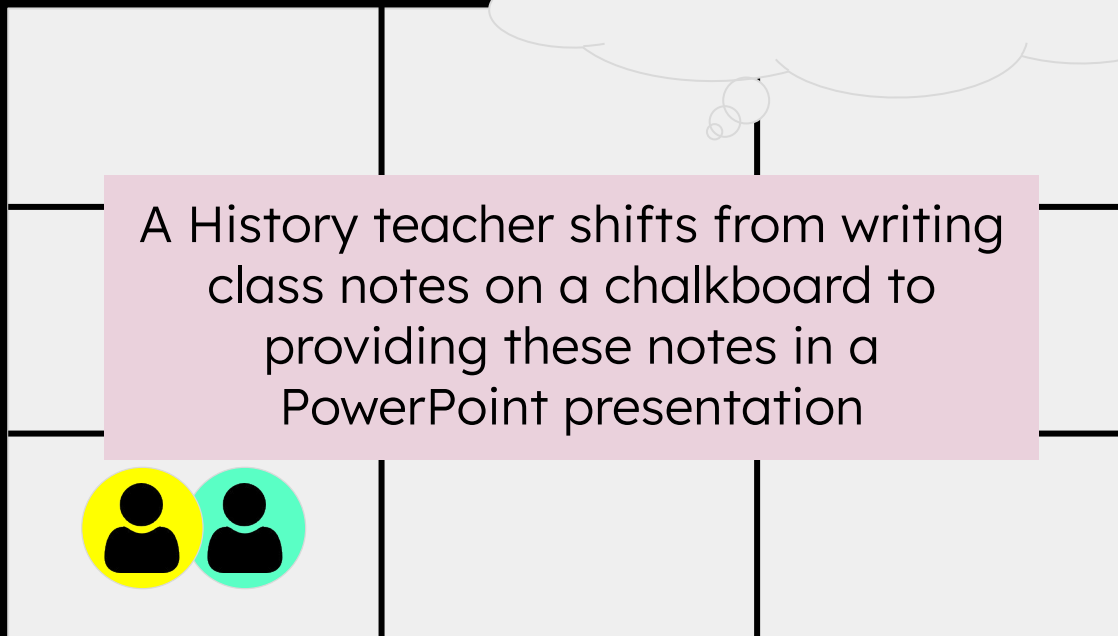
Creative

Interactive

Passive

TEACHE

R



Replaces

Amplifies

Transforms

How is the use of technology influencing your practice?

STUDENT

T

What is the student's relationship to the tech?

Creative

Interactive

Passive



An English teacher guides students in developing a creative writing blog, which they use to elicit feedback from peers, parents, and the online community on their short stories

Replaces

Amplifies

Transforms

TEACHE

R

How is the use of technology influencing your practice?

STUDEN

T What is the student's relationship to the tech?

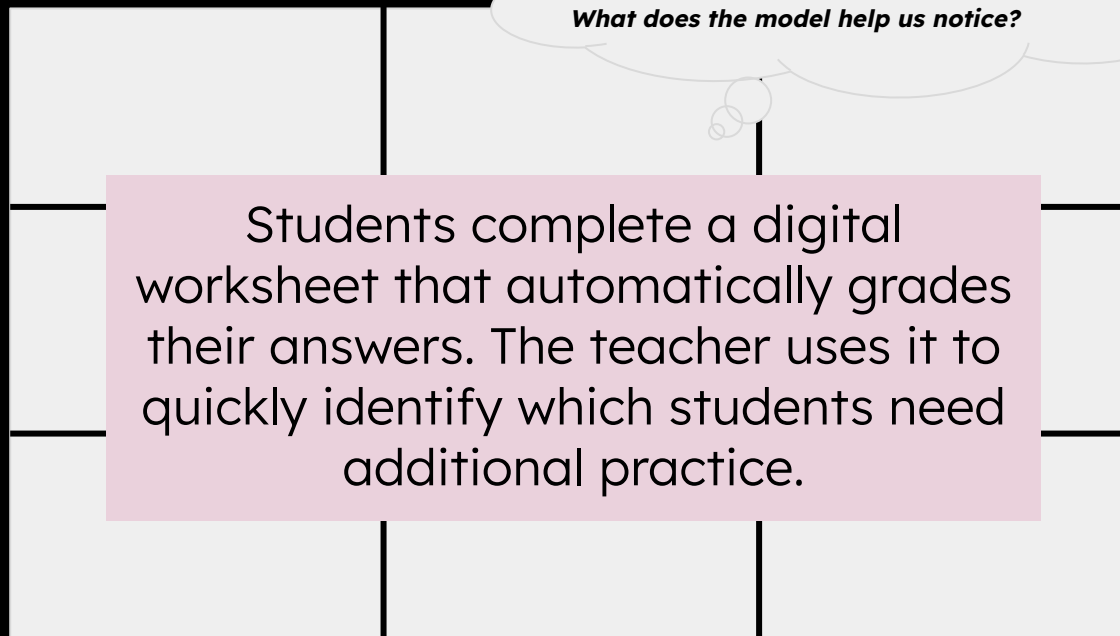
Creative

Interactive

Passive

TEACHE

R



Replaces

Amplifies

Transforms

How is the use of technology influencing your practice?

PICRAT is a simply a starting point.

Value neutral (no right/wrong or good/bad)
Spark reflection & guide conversation

STUDEN

T

What is the student's
relationship to the tech?

Creative

Interactive

Passive

STM EXAMPLE

Learning Goal
Student/Teacher use of tech

Replaces

Amplifies

Transforms

TEACHE

R

How is the use of technology influencing your practice?

Consider the questions you raised earlier...

**Which of your questions
does PICRAT help to answer?
Which remain unanswered?**

What other questions is this raising for you?

PICRAT helps us describe the role technology is playing.

It does not, by itself, tell us whether that use is effective, developmentally appropriate, or worth the tradeoffs.

For example:

Replacement might be appropriate if it **improves accessibility or removes an unnecessary barrier.**

Amplification might be valuable if it makes **feedback, revision, or collaboration** more effective.

A **transformative use** might be **poorly aligned** with the learning goal and therefore not be ideal

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Let's apply this in practice!



HOMEWORK (SEPT-DEC)

Use PICRAT to reflect on one example of technology use in your classroom (or student interactions) in order to examine the intention of technology in an STM learning environment.

SELECT:

- Something you are already doing or something new
- Something that has yet to occur in this school year



PIC-RAT REFLECTION (SEPT-DEC)

Prepare

- Note the learning goal
- Describe the technology use
- Apply the PICRAT

Conduct

Reflect

- Examine the impact
- What would you keep, change, or investigate the next time?
- **What questions do you still have?**

Next steps

Connect with your team and discuss your example and reflection

One volunteer “reporter” from each team: Share back your insights/thoughts to ange@workingbetter.co before going on Winter break

January Workshop: We'll consider tech in relation to STM's Jesuit identity and commitment to whole-person learning





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Before you leave...

Please take a moment to share your feedback on today's session.

Share something you liked or a hope on one side

Share a challenge or concerns on the other side

DROP THEM IN THE BOX

on your way out!

A **concern** I have is...

One **challenge** I had
or something **I didn't**
like was ...

I **hope** that...

Something I **liked** or
enjoyed was...

Thank you!

**Keep up the
amazing work!**

