Making Use of Digital Classrooms

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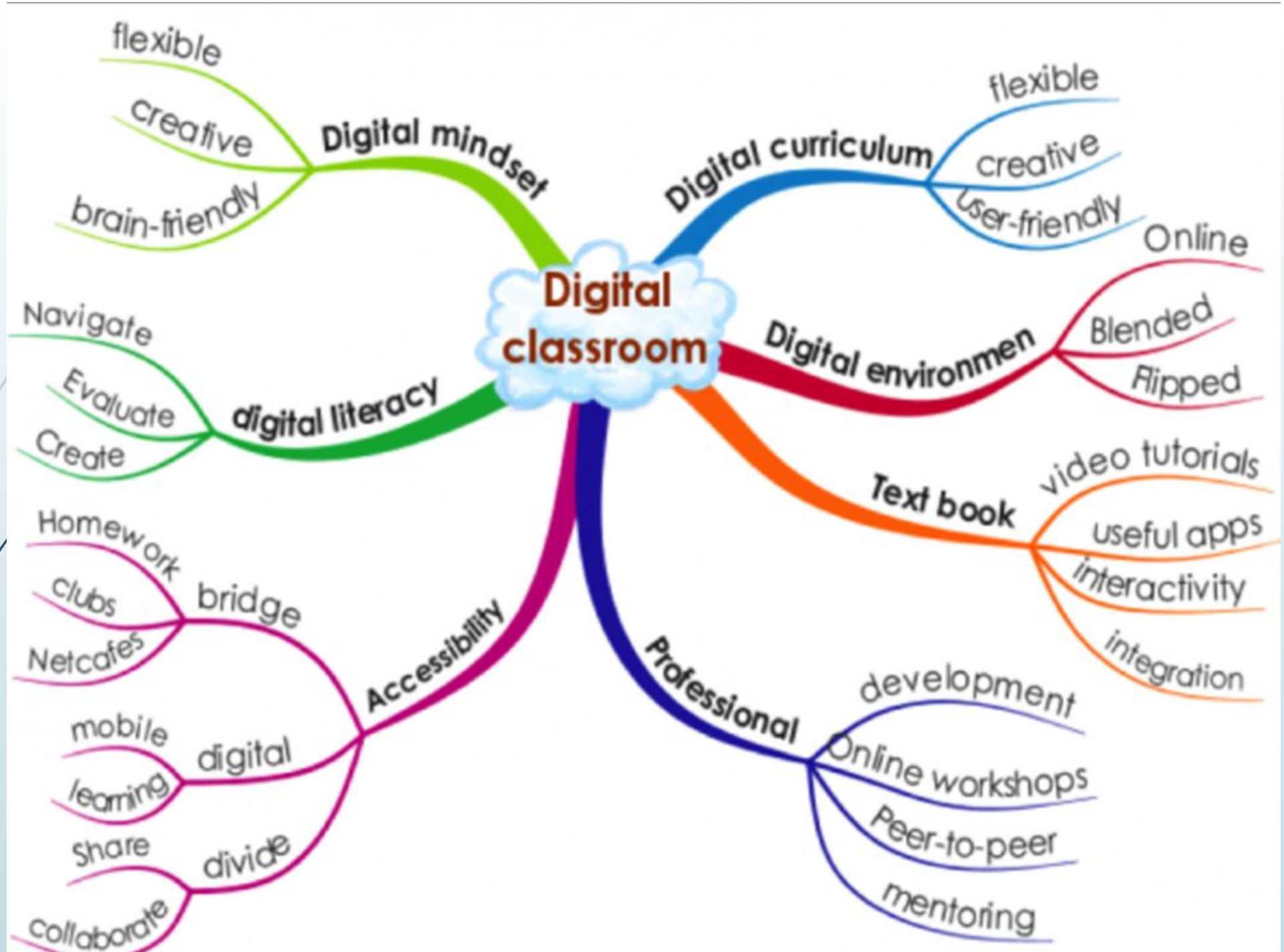
Summer 2017

Introductions

- Name
- Where you teach
- What you teach
- Why you're interested in this session
- Your current comfort level with the Digital Classrooms

What are Digital Classrooms?

- 'Technology enabled' classroom where students' learning and teacher's instruction is supported by strategic use of technology.

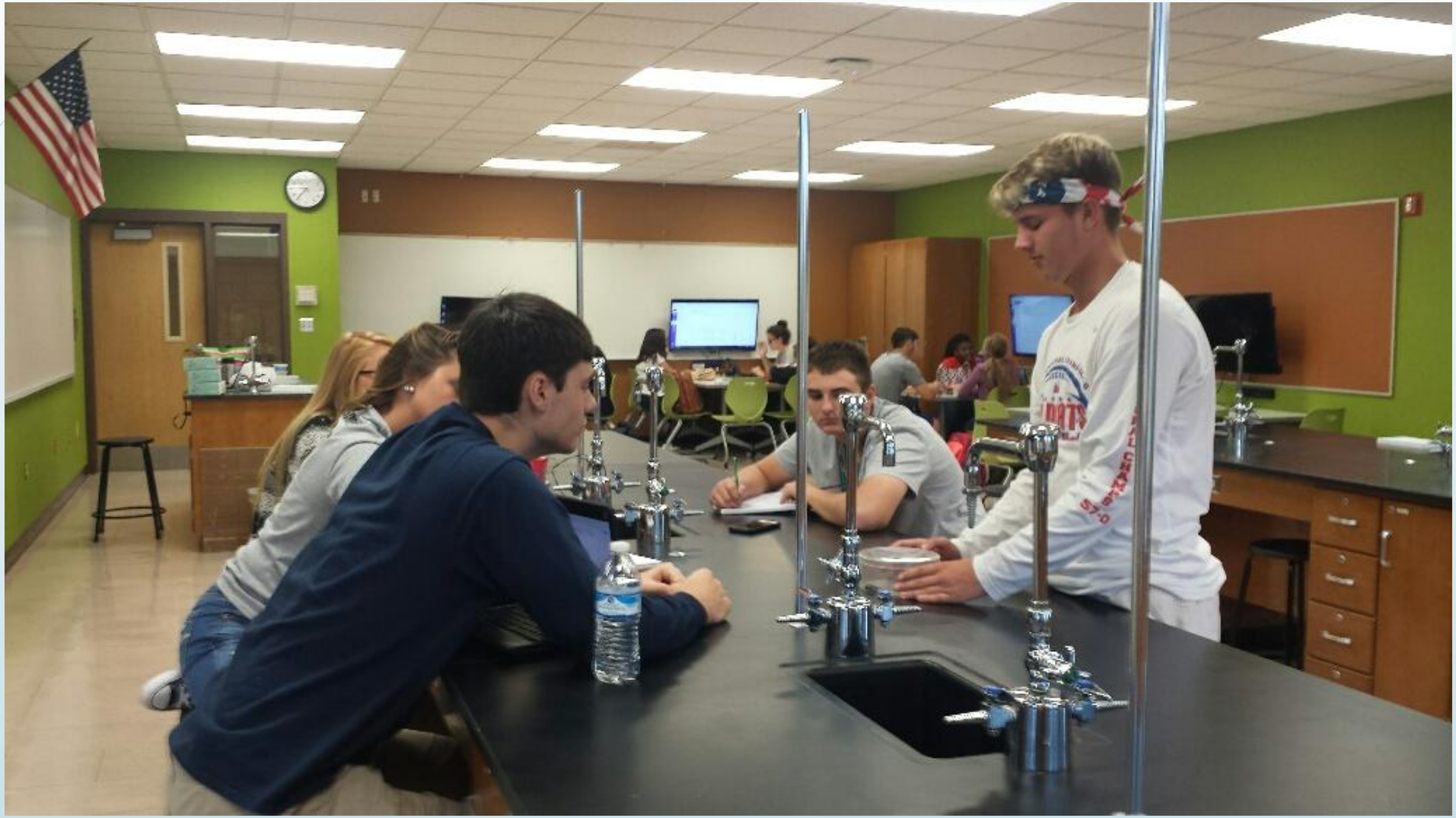

Digital classroom
Digital mindset
flexible
creative
brain-friendly
Digital curriculum
flexible
creative
user-friendly
Digital environmen
Online
Blended
flipped
Text book
video tutorials
useful apps
interactivity
integration
Professional
development
Online workshops
Peer-to-peer
mentoring
Accessibility
digital literacy
Navigate
Evaluate
Create
bridge
Homework
clubs
Netcafes
digital divide
mobile learning
share
collaborate

How Can I Use Them?

- Flipped classroom
- Blended classroom
- Smart classroom
- Projects
- Group work

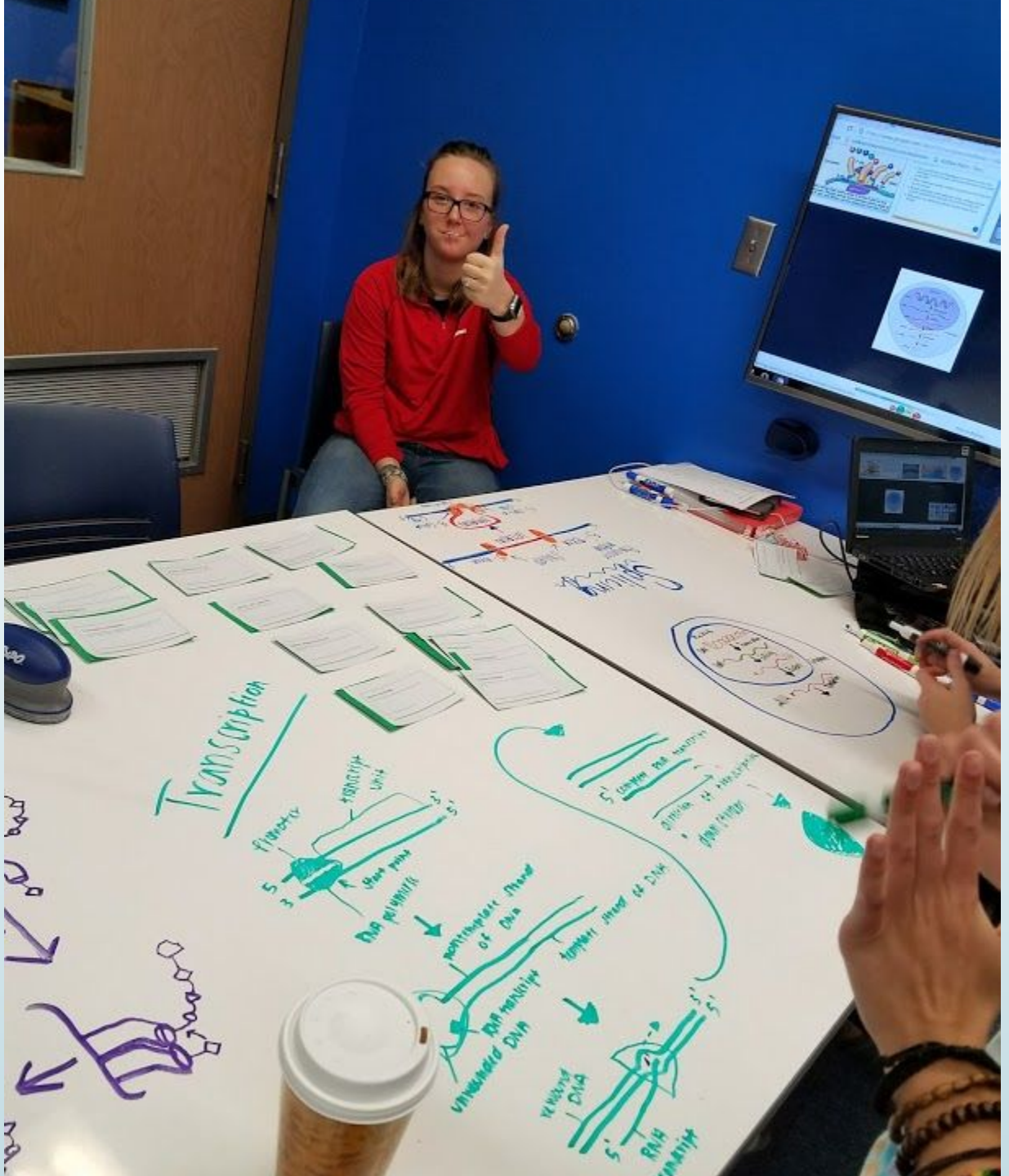
Greta:

- Case studies
- Research
- Labs
- Practice
- Show me what you know
- Reviews

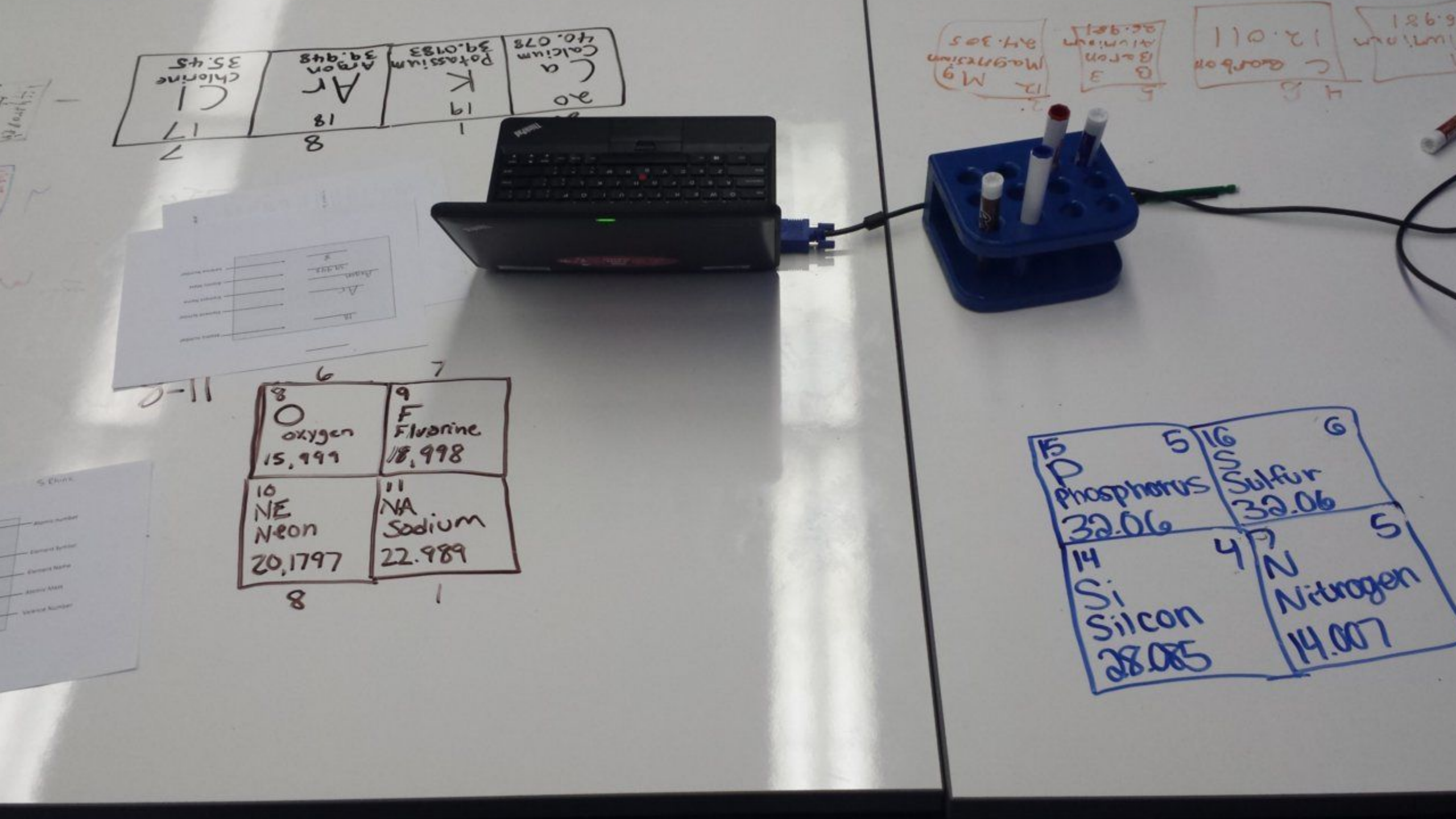


What???
11 - Try to explain this phenomenon? I believe I told you a story that might help

Even stranger yet....
What is as rare or rarer than the yellow lobster? The calico lobster! How about the genetics behind this one!!


Transcription

What is Protein Synthesis - Protein Sy...



8 O oxygen 15,999
9 F Fluorine 18,998
10 NE Neon 20,1797
11 NA Sodium 22.989
15 P Phosphorus 32.06
16 S Sulfur 32.06
14 Si Silcon 28.085
7 N Nitrogen 14.007

Joy: Writing, Editing, and Analysis

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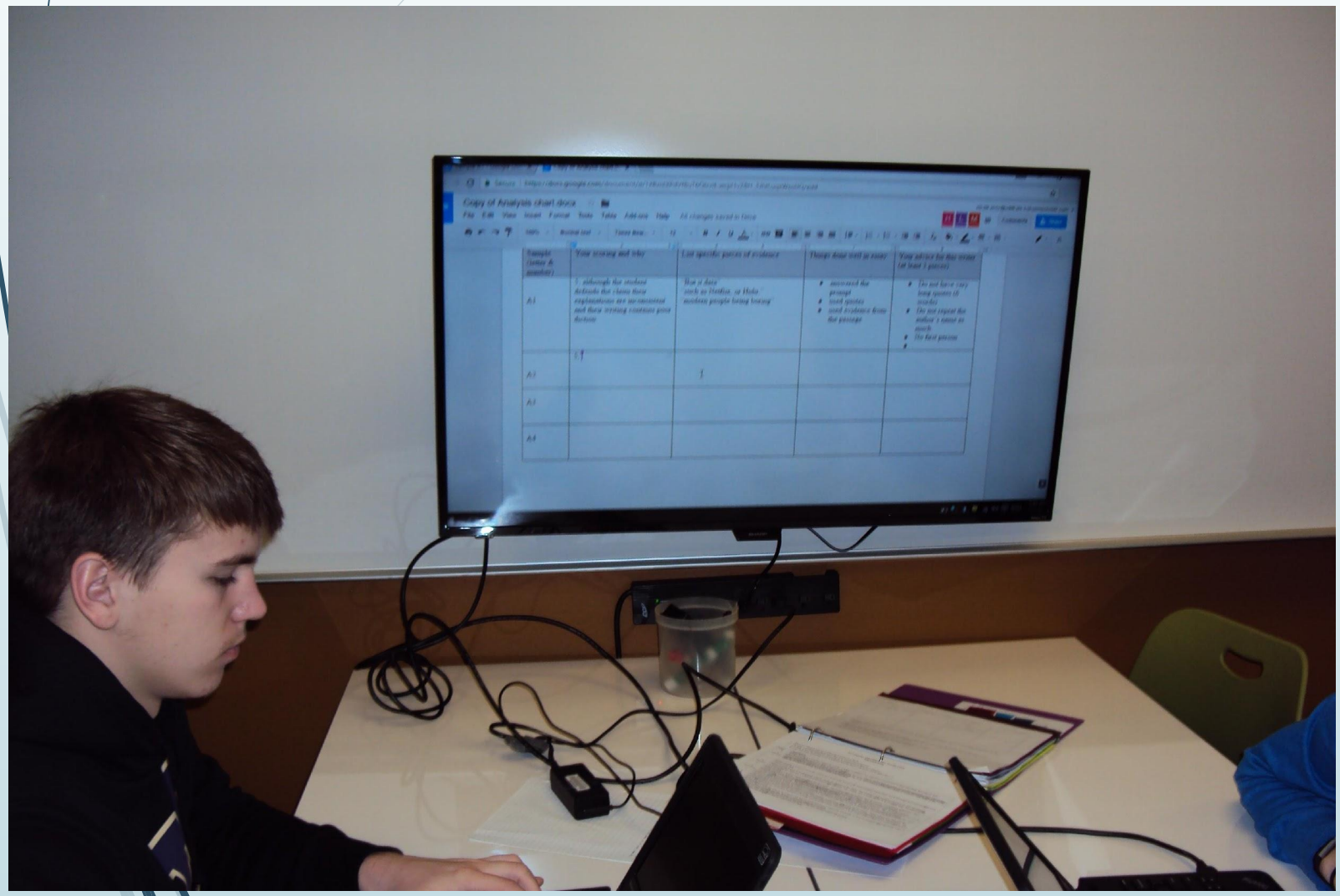

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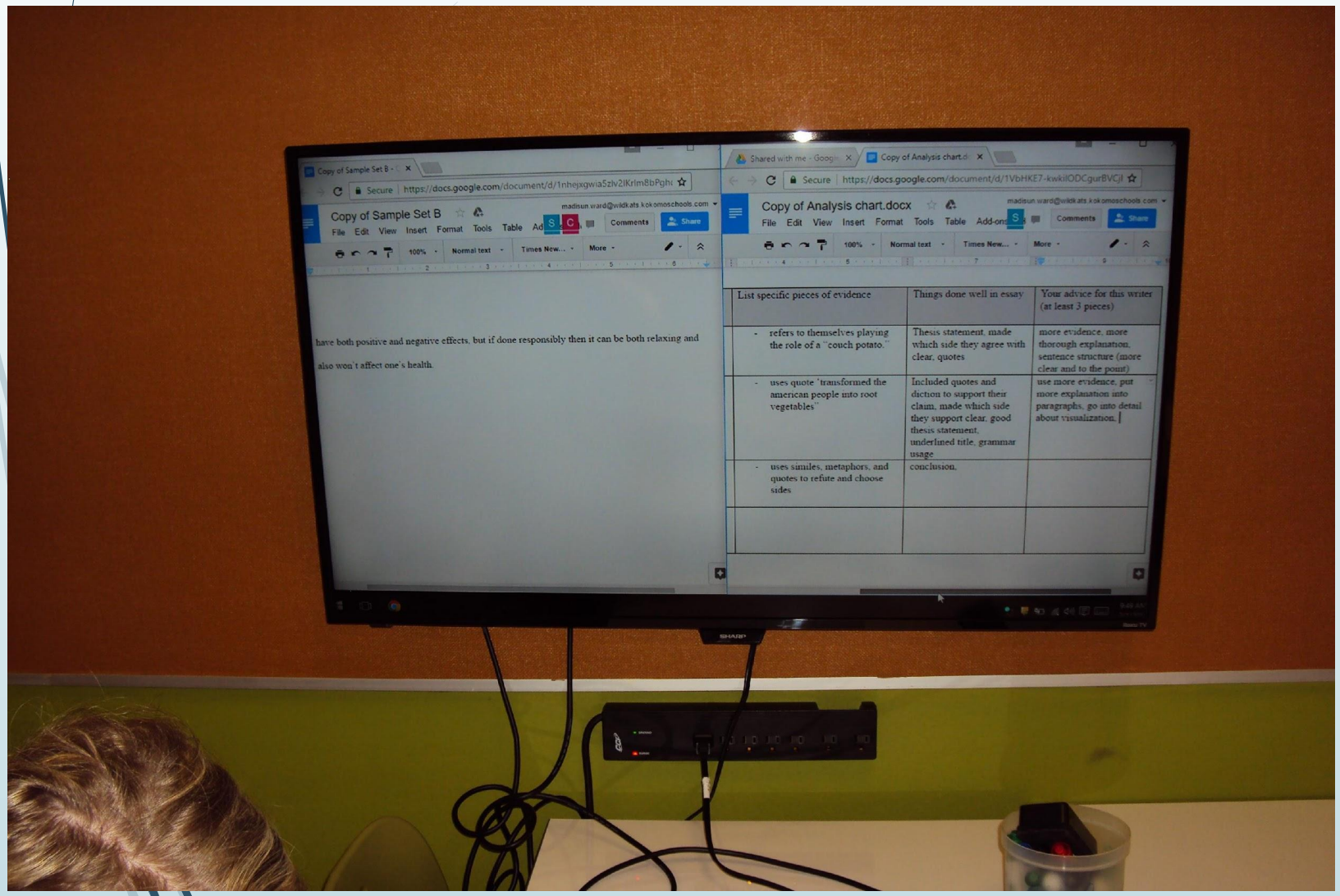

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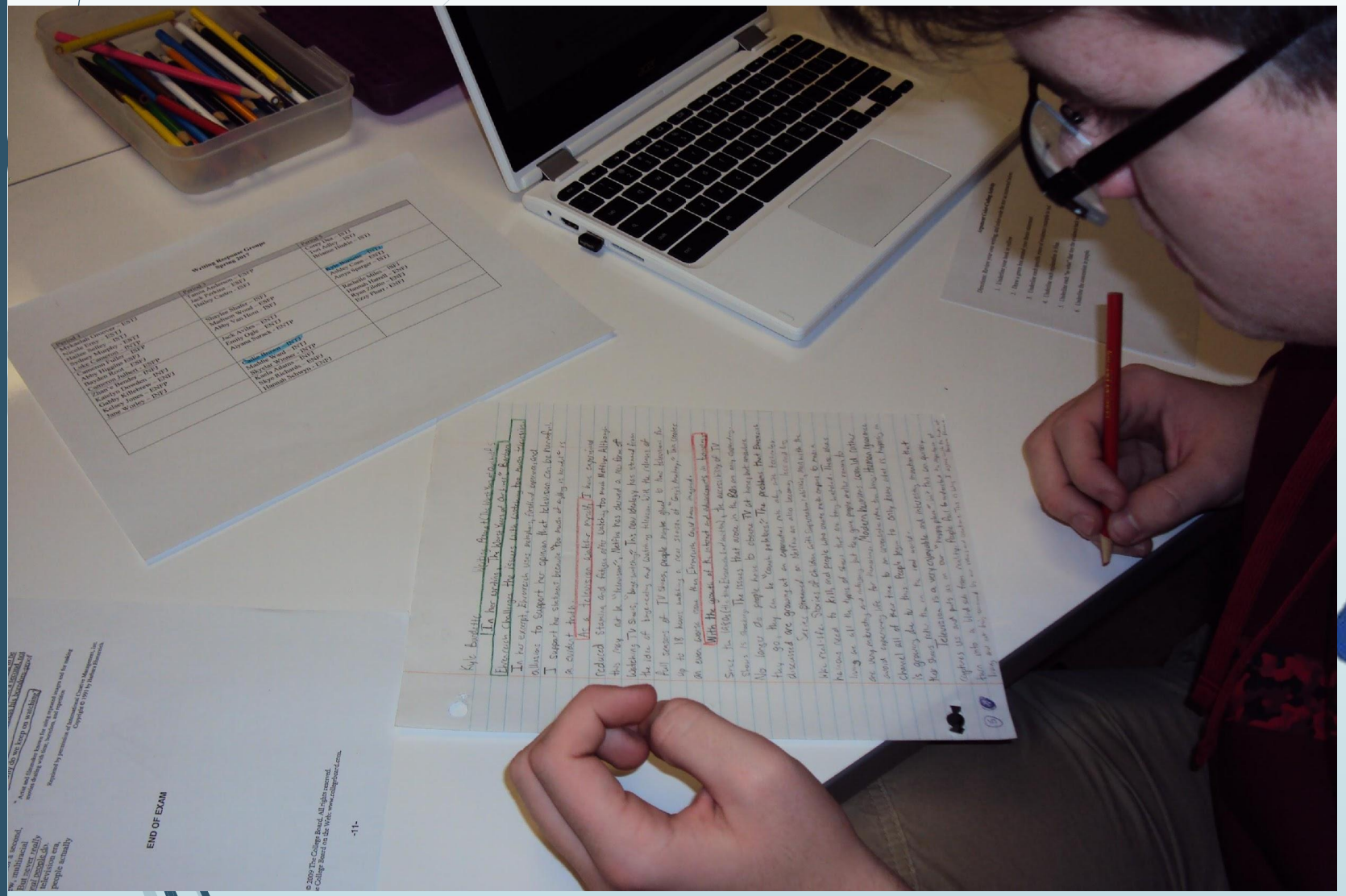

Joy: Creating a Group Movie

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Information Literacy Standards

- American Library Association: http://www.ala.org/acrl/issues/infolit/standards/steps#structure

The information literate student:

1. determines the nature and extent of the information needed.

2. accesses needed information effectively and efficiently.

3. evaluates information and its sources critically and incorporates selected information into his or her knowledge base and value system.

Information Literacy Standards

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The information literate student:

4. individually or as a member of a group, uses information effectively to accomplish a specific purpose.

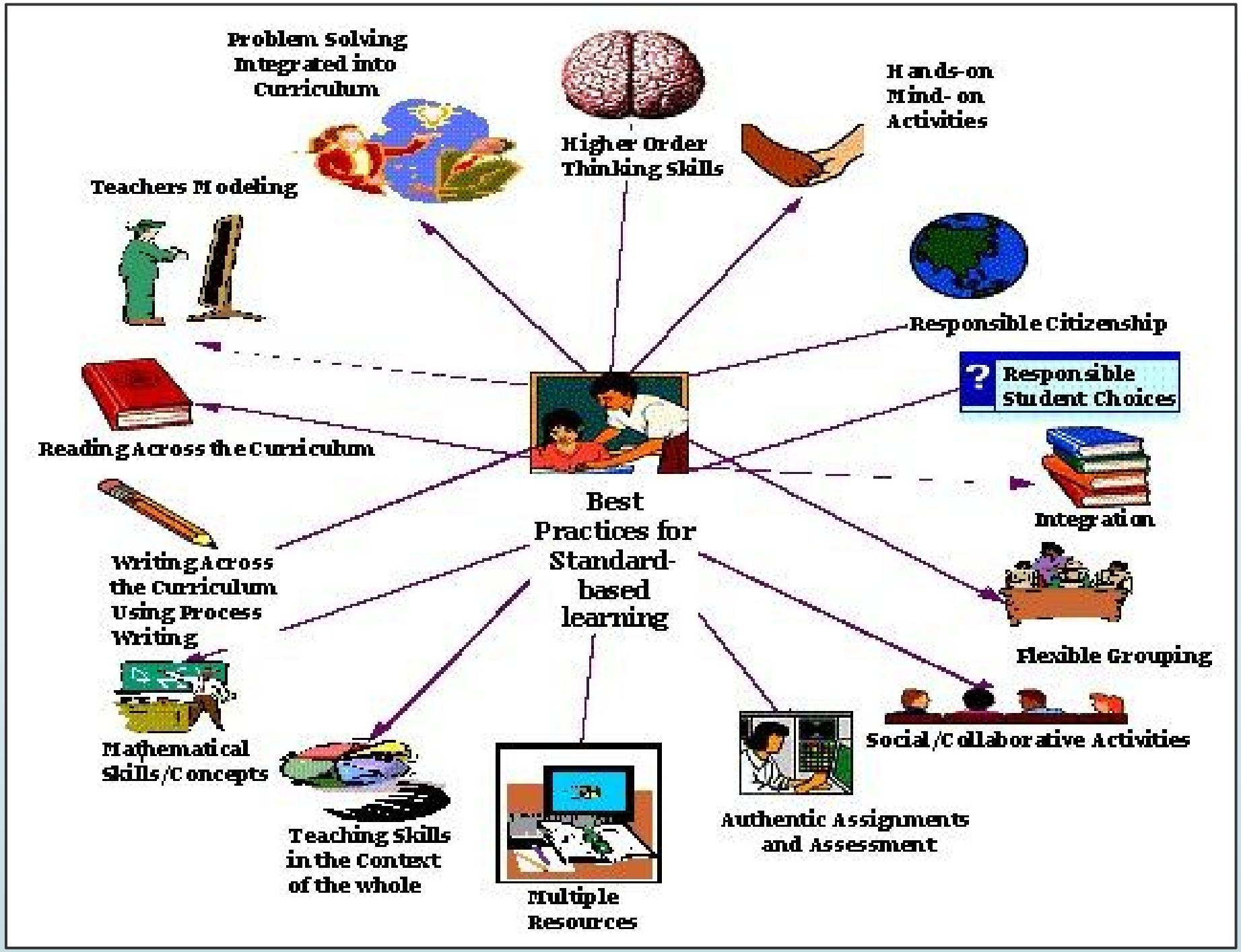
5. understands many of the economic, legal, and social issues surrounding the use of information and accesses and uses information ethically and legally. This standard recognizes that students must be taught the social, economic and political issues surrounding information, specifically the ethical and legal uses of information and its technology.

ISTE (International Society for Technology in Education) Standards

1. Creativity and Innovation Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.	**2. Communication and Collaboration** Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.	**3. Research and Information Fluency** Students apply digital tools to gather, evaluate, and use information.
4. Critical Thinking, Problem Solving, and Decision Making Students use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources.	**5. Digital Citizenship** Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior.	**6. Technology Operations and Concepts** Students demonstrate a sound understanding of technology concepts, systems, and operations.

http://www.iste.org/docs/pdfs/20-14_ISTE_Standards-S_PDF.pdf

Best Practices



What's next?

- Share something you learned that you can use in your classroom this fall
- Complete online survey