

TECH TOOLS, ORGANIZED BY INSTRUCTIONAL STRATEGIES (ELEMENTARY SCHOOL)

Updated: September 17, 2024

Remember, when selecting a tool, consider the following (in this order): academic outcome > instructional strategy > digital tool > plan > assess the rigor and relevance of the lesson ([Bold School Framework](#)). When selecting the instructional strategy, check out [John Hattie's Visible Learning Influences](#) and what is more effective in student learning - .40 is the “tipping point”.

DISCUSSION	SOCRATIC SEMINAR	COLLABORATION	JIGSAW / PEER TEACHING
Classroom discussion .82 Questioning .48 • Padlet* (Workshop) • Zoom breakout rooms* (to be used only with an adult present) (Workshop) • Kami* (Workshop) • Seesaw Blogs • Seesaw New Messages	Classroom discussion .82 • Google Docs • Padlet* (Workshop)	Collaborative learning .36 Cooperative learning .40 • Google Docs • Google Sheets • Google Slides • Google Drawings • Padlet* (Workshop) • Adobe Creative Cloud Express* (Workshop) • Kami (Workshop1 and Workshop2) • Zoom breakout rooms* (to be used only with an adult present)(Workshop)	Jigsaw method 1.20 Reciprocal teaching .74 • Google Docs • Google Sheets • Google Slides • Adobe Creative Cloud Express* (Workshop) • Screencasting for iPad (Workshop) • Kami (Workshop) • Book Creator (Workshop)
REVIEW	FORMATIVE ASSESSMENT	FEEDBACK (TEACHER/PEER)	REFLECTION
Practice testing .46 Spaced vs. mass practice .65 Rehearsal and memorization .73 Interleaved practice .47 Deliberate practice .79	Formative evaluation .34 • Seesaw for Formative Assessment (Blog, Workshop, Workshop) • Google Forms (Workshop)	Feedback .64 Explicit teaching strategies .57 Peer- and self-grading .32 • Google Docs • Kami* (Workshop)	Self-judgment and reflection .75 Meta-cognition strategies .58 Self-reported grades 1.33 Self-verbalization / sel- questioning .59

● Google Forms (Workshop) ● Edpuzzle* (Workshop) ● Padlet* (Workshop) ● Quizizz (Workshop) ● Kami (Workshop) ● Blooket (Tutorial) NOTE: Free Version only. The upgrade will not be purchased by the district) ● Kahoot (Workshop) NOTE: Free Version only. The upgrade will not be purchased by the district)	● Edpuzzle* (Workshop) ● Padlet* (Workshop) ● Kahoot (Workshop) ● Quizizz (Workshop) ● Kami (Workshop) ● Blooket (Tutorial) NOTE: Free Version only. The upgrade will not be purchased by the district)	● Seesaw (Actionable Feedback: 3-5, Actionable Feedback K-2)	● Google Docs ● Google Slides ● Google Forms (Workshop) ● Screencasting (iPad) ● Padlet* (Workshop) ● Adobe Creative Cloud Express* (Workshop) ● Canva* (Tutorials) ● Seesaw Student Portfolios (Video) ● Book Creator (Workshop)
CONTENT DELIVERY	GRAPHIC ORGANIZERS	SUMMARIZING / NOTE-TAKING	WRITING
Flipped classrooms .58 Direct instruction .59 Interactive video .54 Teacher clarity .76 Explicit teaching strategies .57 Web-based learning .33 ● Google Docs (and HyperDocs) ● Google Slides ● Seesaw (Workshops) ● Edpuzzle* (Workshop) ● Kami* (Workshop) ● Adobe Creative Cloud Express* (Workshop) ● Canva* (Tutorials) ● Google Sites ● Padlet* (Workshop) ● Book Creator (Workshop)	Concept mapping .64 Adjunct aids .35 Elaboration and organization .75 ● Google Drawing ● Google Docs ● Padlet* (Workshop) ● Kami* (Workshop)	Outlining and summarizing .66 Summarization .74 Note-taking .51 Underlining and highlighting .44 Elaboration and organization .75 ● Google Drawing ● Google Slides (Digital Notebook) (Workshop) ● Google Docs ● Kami* (Workshop) ● Padlet* (Workshop) ● Seesaw (Workshops) ● Book Creator (Workshop)	Technology in writing .42 Strategy to integrate with prior knowledge .93 Elaborative interrogation .56 Outlining and summarizing .66 Summarization .74 ● Google Docs ● Kami* (Workshop) ● Adobe Creative Cloud Express* (Workshop) ● Seesaw (Workshops) ● Book Creator (Workshop)

SUMMATIVE ASSESSMENT / STUDENT PROJECTS	PRESENTATION TOOLS	VIDEO CREATION	SCREEN RECORDING
Alternative assessment methods .35 Success criteria .88 Testing 1.07 Transfer strategies .86 Integrated curriculum programs .47 Relating creativity to achievement .35 ● Google Docs ● Google Slides ● Seesaw (Workshops) ● Adobe Creative Cloud Express* (Workshop) ● Canva* (Tutorials) ● Discovery Education Studio* (Workshop) ● Book Creator (Workshop)	Audiovisual methods .36 Imagery .51 Modality effect .55 Adjunct aids .35 ● Google Slides ● Google Sites ● Discovery Education Studio* (Workshop) ● Padlet* (Workshop) ● Adobe Creative Cloud Express* (Workshop) ● Book Creator (Workshop) ● Canva* (Tutorials)	Audiovisual methods .36 Imagery .51 ● iMovie iPad (Tutorial) ● Padlet* (Workshop) ● Adobe Creative Cloud Express* (Workshop) ● Kami* (Workshop)	Audiovisual methods .36 Imagery .51 Worked examples .37 Flipped classrooms .58 Interactive video .54 Explicit teaching strategies .57 ● Padlet* (Workshop) ● Kami* (Workshop)
RELATIONSHIP BUILDING AND STUDENT COMMUNICATION	STUDENT OWNERSHIP	SYNCHRONOUS VIRTUAL LESSONS	VIRTUAL LABS
Teacher-student relationships .48 Teacher credibility 1.09 Belonging .40 Strong classroom cohesion .53 Small group learning .47 Student rating of quality of teaching .45 Teacher-student talk outside classroom .54 Teacher clarity .76	Self-efficacy .71 Self-reported grades 1.33 Student expectations .68 Help seeking .72 Self-regulation strategies .52 Self-judgment and reflection .75 Self-verbalization / self-questioning .59 Mastery learning .61 Goal commitment .40	Scaffolding and situated learning .58 Teacher clarity .76 Strong classroom cohesion .53 Small group learning .47 Technology in small groups .21 Classroom management .35 Direct instruction .59 Explicit teaching strategies .57 ● Zoom chat* ● Zoom breakout rooms*	Inquiry-based teaching .46 Science programs .56 Technology in science .23 ● PhET (HTML5 simulations only) ● Seesaw Activity Library: Virtual Labs

• Zoom chat* (private check-in) • Zoom breakout rooms* (to be used only with an adult present) • Zoom poll* • Zoom Workshop • Google Forms for individual responses (Workshop) • Seesaw Messages (August 2022 Update)	Student-centered teaching .36 Clear goal intentions .51 Success criteria .88 Effort management .77 • Seesaw Student Portfolios (Video) • Seesaw (Workshops) • Adobe Creative Cloud Express* (Workshop) • iMovie iPad (Tutorial) • Kami* (Workshop) • Book Creator (Workshop)	• Zoom poll* • Zoom Workshop • Padlet* (Workshop) for backchanneling	
ACTIVE LEARNING / DIGITAL ENGAGEMENT IDEAS	ACCESSIBILITY OPTIONS WITHIN TOOLS	TIME MANAGEMENT / ORGANIZATION	
Gaming / simulations .34 Inquiry-based teaching .46 Problem-based learning .35 Tactile stimulation .58 Student-centered teaching .36 Exercise / relaxation .21 • Digital escape room • Virtual field trip • Gamification (Quizizz Workshop) • Online fishbowl • Digital jigsaw • Collaborative annotations (Kami Workshop) • Online scavenger hunt (Goosechase) • Digital gallery walk	Technology with learning needs students .57 Interventions for students with learning needs .77 • Chromebook accessibility features(Workshop) • Google Docs: Voice typing • Google Slides: Present slides with captions • Seesaw Groups (Tutorial) • Accessibility for Seesaw and iPad (Workshop) • YouTube videos (and if YouTube videos used within Edpuzzle): Closed captioning available	Planning and prediction .75 Study skills .45 Behavioral / advance organizers .42 Exercise / relaxation .21 • Google Drive • Google Docs • Google Sheets • Google Sites (Teachers Only) • Google Keep • Google Tasks • Google Calendar	

* indicates the District has access to the premium version of this tool

+ indicates only teachers have access to this tool, not students