

Name: _____

In this activity, you will assess your technology competency as an educator and student, identify areas of strength and needed improvement, and consider your students' technology competency. For each element below, choose the rating that best characterizes your practice.

EMERGING	EXPLORING	APPLYING	INTEGRATING	INNOVATING
Recognizes importance and willing to develop awareness. Demonstrates beginning knowledge and skills. Rarely implements technology-enhanced teacher/learning.	Explores and develops knowledge and skills. Demonstrates transitional knowledge and skills. Occasionally implements technology-enhanced teacher/learning.	Applies knowledge and skills. Demonstrates connected knowledge and skills. Regularly implements effective technology-enhanced teacher/learning.	Integrates knowledge and skills. Demonstrates integrated knowledge and skills from wide range of resources across standards. Continuously implements technology-enhanced teacher/learning.	Contributes to knowledge base through design of technology-enhanced teacher/learning. Continuously implements innovative technology-enhanced teacher and learning.

ISTE Standards for Educators

1. EDUCATOR AS LEARNER: I continually improve my practice by learning from others and exploring promising practices that leverage technology to improve student learning.

1a. I set professional learning goals; explore and apply pedagogical approaches made possible by technology; and reflect on my effectiveness.	EMERGING	EXPLORING	APPLYING	INEGRATING	INNOVATING
1b. I pursue professional interests by creating and actively participating in local and global learning networks.	EMERGING	EXPLORING	APPLYING	INEGRATING	INNOVATING
1c. I stay current with research that supports improved student learning outcomes, including findings from the learning sciences.	EMERGING	EXPLORING	APPLYING	INEGRATING	INNOVATING

2. EDUCATOR AS LEADER: I seek out opportunities for leadership to support student empowerment and success and to improve teaching and learning.

1a. I shape, advance and accelerate a shared vision for empowered learning with technology by engaging with education stakeholders.	EMERGING	EXPLORING	APPLYING	INEGRATING	INNOVATING
2b. I advocate for equitable access to educational technology, digital content and learning opportunities to meet the diverse needs of all students.	EMERGING	EXPLORING	APPLYING	INEGRATING	INNOVATING
2c. I model for colleagues the identification, exploration, evaluation, curation and adoption of new digital resources and tools for learning.	EMERGING	EXPLORING	APPLYING	INEGRATING	INNOVATING

3. EDUCATOR AS CITIZEN: I inspire students to positively contribute to and responsibly participate in the digital world.

3a. I create experiences for learners to make positive, socially responsible contributions and exhibit empathetic behavior online that build relationships and community.	EMERGING	EXPLORING	APPLYING	INEGRATING	INNOVATING
3b. I establish a learning culture that promotes critical examination of online resources and fosters digital literacy and media fluency.	EMERGING	EXPLORING	APPLYING	INEGRATING	INNOVATING
3c. I mentor students in safe, legal and ethical practices with digital tools and the protection of intellectual rights and property.	EMERGING	EXPLORING	APPLYING	INEGRATING	INNOVATING
3d. I model and promote management of personal data and digital identity and protect student data privacy.	EMERGING	EXPLORING	APPLYING	INEGRATING	INNOVATING

4. EDUCATOR AS COLLABORATOR: I dedicate time to collaborate with colleagues and students to improve practice, discover and share resources and ideas, and solve problems.

4a. I dedicate planning time to collaborate with colleagues to create authentic learning experiences that leverage technology.	EMERGING EXPLORING APPLYING INTEGRATING INNOVATING
4b. I collaborate and co-learn with students to discover and use new digital resources and diagnose and troubleshoot technology issues.	EMERGING EXPLORING APPLYING INTEGRATING INNOVATING
4c. I use collaborative tools to expand students' authentic, real-world learning experiences by engaging virtually with experts, teams and students, locally and globally.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
4d. I demonstrate cultural competency when communicating with students, parents and colleagues and interact with them as co-collaborators in student learning.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
5: EDUCATOR AS DESIGNER: I design authentic, learner-driven activities and environments that recognize and accommodate learner variability.	
5a. I use technology to create adapt and personalize learning experiences that foster independent learning and accommodate learner differences and needs.	EMERGING EXPLORING APPLYING INTEGRATING INNOVATING
5b. I design authentic learning activities that align with content area standards and use digital tools and resources to maximize active, deep learning.	EMERGING EXPLORING APPLYING INTEGRATING INNOVATING
5c. I explore and apply instructional design principles to create innovative digital learning environments that engage and support learning.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
6: EDUCATOR AS FACILITATOR: I facilitate learning with technology to support student achievement of the ISTE Standards for Students.	
6a. I foster a culture where students take ownership of their learning goals and outcomes in both independent and group settings.	EMERGING EXPLORING APPLYING INTEGRATING INNOVATING
6b. I manage use of technology and student learning strategies in digital platforms, virtual environments, hands-on makerspaces or in the field.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
6c. I create learning opportunities that challenge students to use a design process and computational thinking to solve problems.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
6d. I model and nurture creativity and creative expression to communicate ideas, knowledge or connections.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
7: EDUCATOR AS ANALYST: I understand and use data to drive their instruction and support students in achieving their learning goals.	
7a. I provide alternative ways for students to demonstrate competency and reflect on their learning using technology.	EMERGING EXPLORING APPLYING INTEGRATING INNOVATING
7b. I use technology to design and implement a variety of formative and summative assessments that accommodate learner needs, provide timely feedback to students and inform instruction.	EMERGING EXPLORING APPLYING INTEGRATING INNOVATING
7c. I use assessment data to guide progress and communicate with students, parents, and education stakeholders to build student self-direction.	EMERGING EXPLORING APPLYING INTEGRATING INNOVATING

ISTE Standards for Students

1. EMPOWERED LEARNER: As a student, I leverage technology to take an active role in choosing, achieving, and demonstrating competency in learning goals.

1a. I articulate and set personal learning goals; develop strategies leveraging technology to achieve them; and reflect on the learning process itself to improve learning outcomes.	EMERGING EXPLORING APPLYING INTEGRATING INNOVATING
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1b. I build networks and customize my learning environments in ways that support the learning process.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
1c. I use technology to seek feedback that informs and improves my practice and to demonstrate learning in a variety of ways.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
1d. I understand the fundamental concepts of technology operations; demonstrate the ability to choose, use and troubleshoot current technologies; and am able to transfer their knowledge to explore emerging technologies.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
2. DIGITAL CITIZEN: As a student, I recognize the rights, responsibilities and opportunities of living, learning and working in an interconnected digital world, and act and model in ways that are safe, legal and ethical.	
2a. I cultivate and manage my digital identity and reputation and am aware of the permanence of my actions in the digital world.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
2b. I engage in positive, safe, legal and ethical behavior when using technology, including social interactions online or when using networked devices.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
2c. I demonstrate an understanding of and respect for the rights and obligations of using and sharing intellectual property.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
2d. I manage my personal data to maintain digital privacy and security and am aware of data-collection technology used to track my online navigation.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
3. KNOWLEDGE CONSTRUCTOR: As a student, I critically curate a variety of resources using digital tools to construct knowledge, produce creative artifacts and make meaningful learning experiences for myself and others.	
3a. I plan and employ effective research strategies to locate information and other resources for my intellectual or creative pursuits.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
3b. I evaluate the accuracy, perspective, credibility and relevance of information, media, data or other resources.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
3c. I curate information from digital resources using a variety of tools and methods to create collections of artifacts that demonstrate meaningful connections or conclusions.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
3d. I build knowledge by actively exploring real-world issues and problems, developing ideas and theories and pursuing answers and solutions.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
4. INNOVATIVE DESIGNER: As a student, I use a variety of technologies within a design process to identify and solve problems by creating new, useful or imaginative solutions.	
4a. I use a deliberate design process for generating ideas, testing theories, creating innovative artifacts or solving authentic problems.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
4b. I select and use digital tools to plan and manage a design process that considers design constraints and calculated risks.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
4c. I develop, test and refine prototypes as part of a cyclical design process.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
4d. I exhibit a tolerance for ambiguity, perseverance and the capacity to work with open-ended problems.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
5. COMPUTATIONAL THINKER: As a student, I develop and employ strategies for understanding and solving problems in ways that leverage the power of technological methods to develop and test solutions.	
5a. I formulate problem definitions suited for technology-assisted methods such as data analysis, abstract models and algorithmic thinking in exploring and finding solutions.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING

5b. I collect data or identify relevant data sets, use digital tools to analyze them, and represent data in various ways to facilitate problem-solving and decision-making.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
5c. I break problems into component parts, extract key information, and develop descriptive models to understand complex systems or facilitate problem-solving.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
5d. I understand how automation works and use algorithmic thinking to develop a sequence of steps to create and test automated solutions.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
6. CREATIVE COMMUNICATOR: As a student, I communicate clearly and express myself creatively for a variety of purposes using the platforms, tools, styles, formats and digital media appropriate to their goals.	
6a. I choose the appropriate platforms and tools for meeting the desired objectives of their creation or communication.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
6b. I create original works or responsibly repurpose or remix digital resources into new creations.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
6c. I communicate complex ideas clearly and effectively by creating/using digital objects such as visualizations, models or simulations.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
6d. I publish or present content that customizes the message and medium for my intended audiences.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
7. GLOBAL COLLABORATOR: As a student, I use digital tools to broaden my perspectives and enrich learning by collaborating with others in teams locally and globally.	
7a. I use digital tools to connect with learners from a variety of backgrounds and cultures, engaging with them in ways that broaden mutual understanding and learning.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
7b. I use collaborative technologies to work with others, including peers, experts or community members, to examine issues and problems from multiple viewpoints.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
7c. I contribute constructively to project teams, assuming various roles and responsibilities to work effectively toward a common goal.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING
7d. I explore local and global issues and use collaborative technologies to work with others to investigate solutions.	EMERGING EXPLORING APPLYING INEGRATING INNOVATING

MY STRENGTHS		MY AREAS FOR IMPROVEMENT	
Educator Standards with Example of Evidence	Student Standards	Educator Standards	Student Standards
<i>Summarize your practice by identifying the top three strengths and needed areas of improvement in each category. Copy and paste the text of the entire element.</i>			

<p>2b. I advocate for equitable access to educational technology, digital content and learning opportunities to meet the diverse needs of all students.</p>	<p>Example: I am working with another teacher to ensure that students have access to the internet at home as much of our curriculum is accessed online. I also make sure that students have a place to charge and store their devices if needed and provide paper-based activities to those without access to their device.</p>	<p>1a. I articulate and set personal learning goals; develop strategies leveraging technology to achieve them; and reflect on the learning process itself to improve learning outcomes.</p>	<p>6c. I create learning opportunities that challenge students to use a design process and computational thinking to solve problems.</p>	<p>5d. I understand how automation works and use algorithmic thinking to develop a sequence of steps to create and test automated solutions.</p>
<p>3a. I create experiences for learners to make positive, socially responsible contributions and exhibit empathetic behavior online that build relationships and community.</p>	<p>Example: Students in my room participate in a variety of activities both in my social studies class, but also in my yearbook class. We have been working to understand perspectives in the classroom using technology, but are going to expand to our community in the upcoming months.</p>	<p>3b. I evaluate the accuracy, perspective, credibility and relevance of information, media, data or other resources.</p>	<p>4c. I use collaborative tools to expand students' authentic, real-world learning experiences by engaging virtually with experts, teams and students, locally and globally.</p>	<p>5c. I break problems into component parts, extract key information, and develop descriptive models to understand complex systems or facilitate problem-solving.</p>
<p>6a. I foster a culture where students take ownership of their learning goals and outcomes in both independent and group settings.</p>	<p>Example: Students are encouraged to make goals for themselves. I monitor these goals and help to hold them responsible. Access to their goals online is a big help. We are also highly collaborative in my classroom with each student understanding their role and job while working in groups.</p>	<p>6b. I create original works or responsibly repurpose or remix digital resources into new creations.</p>	<p>3d. I model and promote management of personal data and digital identity and protect student data privacy.</p>	<p>5a. I formulate problem definitions suited for technology-assisted methods such as data analysis, abstract models and algorithmic thinking in exploring and finding solutions.</p>

MY STUDENTS' STRENGTHS

MY STUDENTS' AREAS FOR IMPROVEMENT

Review the student standards once more and identify two of the collective strengths and areas of improvement for your current students. This will help you plan your teacher inquiry.

1. 6d. I publish or present content that customizes the message and medium for my intended audiences.
2. 7a. I use digital tools to connect with learners from a variety of backgrounds and cultures, engaging with them in ways that broaden mutual understanding and learning.

1. 1a. I articulate and set personal learning goals; develop strategies leveraging technology to achieve them; and reflect on the learning process itself to improve learning outcomes.
2. 2b. I engage in positive, safe, legal and ethical behavior when using technology, including social interactions online or when using networked devices.