

IU Southeast

Mapping of ISTE Technology Standards to Coursework and Formative Assessment

Directions: Please indicate course numbers and assessment. Return to _____ by _____

<i>Program Standard: Computer Education ISTE</i>	<i>Course #</i>	<i>Assessment</i>
Standard 1: Technology Operations and Concepts		
a. Demonstrate introductory knowledge, skills, and understanding of concepts related to technology.	W200/R531	Electronic portfolio
b. Demonstrate continual growth in technology knowledge and skills to stay abreast of current and emerging technologies.	W220/W310/R341/ W410/W520/W540/ F500/W505	Electronic portfolio
Standard 2: Planning and Designing Learning Environments and Experiences		
a. Design developmentally appropriate learning opportunities that apply technology-enhanced instructional strategies to support the diverse needs of learners.	W200/W310//W410 R531/W540//W505	Electronic portfolio
b. Apply current research on teaching and learning with technology when planning learning environments and experiences.	W200/W310/ R341/W410 R531/W540/ F500/W505	Electronic portfolio
c. Identify and locate technology resources and evaluate them for accuracy and suitability.	W200/W310/W410 R531/W540//W505	Electronic portfolio
d. Plan for the management of technology resources within the context of learning activities.	W200/W220/W310/W410 R531/W520/W540/W505	Electronic portfolio
e. Plan strategies to manage student learning in a technology-enhanced environment.	W200/W220/W310/W410 R531/W520/W540/W505	Create integrated digital units
Standard 3: Teaching, Learning and the Curriculum		
a. Facilitate technology-enhanced experiences that address content standards and student technology standards.	W200/W220/W310/ R341/W410 R531/W520/W540/ F500/W505	Electronic portfolio
b. Use technology to support learner-centered strategies that address the diverse needs of students.	W200/W310/W410 R531/W540/W505	Electronic portfolios which include strategies for diversity

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c. Apply technology to develop students' higher order skills and creativity.	W200/W220/W310/ R341/W410 R531/W520/W540/ F500/W505	Electronic portfolios which reflect application of higher order thinking software programs
d. Manage student-learning activities in a technology-enhanced environment.	W410	Create integrated digital units & projects
Standard 4: Assessment and Evaluation		
a. Apply technology in assessing student learning of subject matter using a variety of assessment techniques.	W410	Rubric based assessment devices
b. Use technology resources to collect and analyze data, interpret results, and communicate findings to improve instructional practice and maximize student learning.	W410	Spreadsheets/rubrics/ databases
c. Apply multiple methods of evaluation to determine students' appropriate use of technology resources for learning, communication, and productivity.	W410	Understanding of cognitive type theory
Standard 5: Productivity and Professional Practice		
a. Use technology resources to engage in ongoing professional development and lifelong learning.	W220/W310/ R341/W410 R531/W520/W540/ F500/W505	Electronic portfolios
b. Continually evaluate and reflect on professional practice to make informed decisions regarding the use of technology in support of student learning.	W410 R531	Create personal integrated digital on-line portfolios
c. Apply technology to increase productivity.	W200/W220/W310/R341 R531/W520/W540/ F500/W505	Create integrated digital units
d. Use technology to communicate and collaborate with peers, parents, and the larger community in order to nurture student learning.	W410	Creat Web portfolios for communication and collaboration.

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Standard 6: Social, Ethical, Legal, and Human Issues		
a. Model and teach legal and ethical practice related to technology use.	W410	Lesson plans
b. Apply technology resources to enable and empower learners with diverse backgrounds, characteristics, and abilities.	W410	Lesson plans
c. Identify and use technology resources that affirm diversity.	W410/W505	Portfolio/lesson plans
d. Promote safe and healthy use of technology resources.	W410	Lesson plans
e. Facilitate equitable access to technology resources for all students.	W410	Lesson plans