

## Governor's Innovative Technology in Education Award

Rubrics for Evaluating Innovative Uses of Technology in the Classroom

- Element:**        **CURRICULUM INTEGRATION**
- ❖ Uses the Internet and other technologies as essential teaching and learning tools to enhance academic achievement.
  - ❖ Utilizes the Internet and other technologies that are consistent with the Standards of Learning.
  - ❖ Designs, delivers, and assesses student learning activities that successfully integrate the Internet and other technologies in teaching.
  - ❖ Uses the Internet and other technologies to engage students in complex problem-solving learning activities.

Element	Level and Score		
<b>Curriculum Integration</b>	<b>Awareness</b> Score: 1 2 3	<b>Advanced</b> Score: 4 5 6 7	<b>Mastery</b> Score: 8 9 10
	The learning activity uses a traditional instructional design that includes few integrated teaching and learning experiences using the Internet and other technologies.	The learning activity uses media and technology that are specific to the content area.	The learning activity reflects alternative instructional strategies that integrate core curriculum content with the use of multiple technologies across the curriculum.

**Level:**

**Score:**

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**Element:**        **RESEARCH**

- ❖ Demonstrates an expanded view of the Internet as a research tool to find solutions to academic and real life problems.
- ❖ Demonstrates an understanding of the ethical use of the Internet and its information.

Element	Level and Score		
<b>Research</b>	<b>Awareness</b> Score: 1 2 3	<b>Advanced</b> Score: 4 5 6 7	<b>Mastery</b> Score: 8 9 10
	The learning activity provides few opportunities for students to use the Internet as a source of information.	The learning activity requires that students develop skill in the selection of appropriate Internet sites and the use of advanced search engines.	The learning activity provides opportunities to integrate the Internet to simulate real world problems in the home and workplaces of today and tomorrow.

**Level:**

**Score:**

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**Element:**        **COMMUNICATION**

- ❖ Communicates effectively through the Internet and various media to students, parents, administrators, the community and other teachers.
- ❖ gives students opportunities to demonstrate skills to a wide audience via email, instant messaging, chat groups, online collaboration, and websites.

Element	Level and Score		
<b>Communication</b>	<b>Awareness</b> Score: 1 2 3	<b>Advanced</b> Score: 4 5 6 7	<b>Mastery</b> Score: 8 9 10
	The learning activity includes little use of telecommunications.	The learning activity requires that students communicate via email to gather and exchange information.	The learning activity provides varied opportunities for students to collaborate and gather information and feedback from multiple forms of telecommunications, e.g., via e-mail, audio/video conference, instant messaging.

**Level:**

**Score:**

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**Element:**        **TECHNOLOGY SKILLS**

- ❖ Successfully meets the Virginia Technology Standards for Instructional Personnel (TSIP).
- ❖ Demonstrates an effort to remain current in the use of the Internet and other technologies in teaching methods, curriculum development, and course design.
- ❖ Participates in efforts to improve education through the use of the Internet and other technologies.

Element	Level and Score
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	<b>Awareness</b> Score: 1 2 3	<b>Advanced</b> Score: 4 5 6 7	<b>Mastery</b> Score: 8 9 10
	<b>Technology Skills</b>	The teacher has demonstrated mastery of the Virginia Technology Standards for Instructional Personnel (TSIP).	The teacher uses instructional technology resources to meet the learning needs of students who do not respond to traditional methods of instruction.

**Level:**

**Score:**

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**Element: PEER COACHING**

- ❖ Shares successful Internet and other technology-based units with colleagues through print and electronic publishing and through conference presentations and workshops.
- ❖ Teaches others about instructional uses of the Internet and educational technologies.

Element	Level and Score		
<b>Peer Coaching</b>	<b>Awareness</b> Score: 1 2 3	<b>Advanced</b> Score: 4 5 6 7	<b>Mastery</b> Score: 8 9 10
	The teacher extends his or her own knowledge with colleagues.	The teacher collaborates with others, e.g., library media specialist, to create learning opportunities.	The teacher has frequently shared and discussed what he or she has learned with others, e.g., reciprocal teaching, demonstrations, and presentations within and outside their classroom.

**Level:**

**Score:**

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Rubrics for Evaluating Innovative Uses of Technology in the Classroom

**Element: EVALUATION**

- ❖ Evaluates student use of the Internet and other technologies to achieve desired learning objectives.
- ❖ Uses action research and aggregated data to accurately determine whether the technology and methodology used has an impact on how well students learn and on school climate.

Element	Level and Score		
<b>Evaluation</b>	<b>Awareness</b> Score: 1 2 3	<b>Advanced</b> Score: 4 5 6 7	<b>Mastery</b> Score: 8 9 10
	The teacher's use of technology does not indicate that takes into consideration the current research of the impact of technology on student academic achievement.	The teacher gathers, uses, and shares anecdotal information and observations about student use of technology.	The teacher participates in formal studies of the impact of technology on student academic achievement, educational philosophy, classroom organization and management, student behaviors and reports findings to other professionals.

**Level:**

**Score:**

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**Element: MOTIVATION**

- ❖ Demonstrates enthusiasm for the use of the Internet and other technologies in instruction.
- ❖ Utilizes the Internet and educational technologies to motivate students to participate in the learning process.

Element	Level and Score		
<b>Motivation</b>	<b>Awareness</b> Score: 1 2 3	<b>Advanced</b> Score: 4 5 6 7	<b>Mastery</b> Score: 8 9 10
	The students work mostly at individual tasks.	The students work in cooperative groups on projects using technology with clearly defined tasks.	The students work in collaborative groups in which the groups make decisions regarding planning, implementing, and evaluation their work; making explicit use of multiple technologies.

**Level:**

**Score:**

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**Element:**        **TEACHING/LEARNING STYLES**

- ❖ Develops Internet-based lessons that are designed to address the diverse learning needs of students.
- ❖ Utilizes the Internet and technological resources to meet the needs of students who do not respond to traditional methods of instruction.
- ❖ Demonstrates awareness of resources for adaptive assistive devices for students with special needs.

Element	Level and Score		
<b>Teaching/ Learning Styles</b>	<b>Awareness</b> Score: 1 2 3	<b>Advanced</b> Score: 4 5 6 7	<b>Mastery</b> Score: 8 9 10
	The learning activity is modified for students with identified special needs.	The learning activity provides choices for students to use technology to meet learning objectives.	The learning activity includes the use of resources and adaptive devices for students with special needs.

**Level:**

**Score:**