Washington CTE

# High School

## Creativity and innovation

### A Work creatively with others

1. Use a wide range of idea creation techniques (brainstorming, etc...) 1.A.1
2. Creates new and worthwhile ideas using both incremental and radical concepts 1.A.2
3. Elaborates refines and analyzes their own ideas in order to improve and maximize creative efforts 1.A.3

### B Work creatively with others

1. Develop, implement and communicate new ideas to others effectively. 1.B.1
2. Be open and responsive to new and diverse perspectives; incorporate group input and feedback into the work. 1.B.2
3. Demonstrate originality and inventiveness in work and understand the real world limits to adopting new ideas 1.B.3
4. View failure as an opportunity to learn; understand that creativity and innovation is a long-term, cyclical process of small successes and frequent mistakes. 1.B.4

### C Implement Innovation

1. Act on creative ideas to make a tangible and useful contribution to the field in which the innovation will occur. 1.C.1

## Critical Thinking and Problem-Solving

### A Reason Effectively

1. Use various types of reasoning as appropriate to the situation. 2.A.1

### B Use Systems Thinking

1. Analyze how parts of a whole interact with each other to produce overall outcomes in complex systems 2.B.1

### C Make Judgments and Decisions

1. Effectively analyze and evaluate evidence, arguments, claims and beliefs 2.C.1
2. Effectively analyze and evaluate major alternative points of view 2.C.2
3. Effectively synthesizes and makes connections between information and arguments 2.C.3
4. Effectively interpret information and draw conclusions based on the best analysis 2.C.4

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5 Reflect critically on learning experiences and processes 2.C.5

**D Solve Problems**

1 Effectively solve different kinds of non-familiar problems in both conventional and innovative ways 2.D.1

2 Effectively identify and ask significant questions that clarify various points of view and lead to better solutions 2.D.2

**Communication and Collaboration**

**A Communicate Clearly**

1 Articulate thoughts and ideas effectively using oral, written and nonverbal communication skills in a variety of forms and contexts 3.A.1

2 Listen effectively to decipher meaning, including knowledge, values, attributes and intentions 3.A.2

3 Use communication for a range of purposes (eg. to inform, instruct, motivate and persuade) 3.A.3

4 Utilize multiple media and technologies, and know how to judge their effectiveness as well as assess their impact. 3.A.4

5 Communicate effectively in diverse environments (including multi-lingual) 3.A.5

**B Collaborate with Others**

1 Demonstrate the ability to work effectively and respectfully with diverse teams. 3.B.1

2 Exercise flexibility and willingness to be helpful in making necessary compromises to accomplish a common goal 3.B.2

3 Assume shared responsibility for collaborative work, and value the individual contributions make by each team member.

**Information, Media and Technology Skills (Information Literacy)**

**A Access and Evaluate Information**

1 Access information efficiently (time) and effectively (sources) 4.A.1

2 Evaluate information critically and competently 4.A.2

**B Use and Manage Information**

1 Use information accurately and creatively for the issue or problem at hand 4.B.1

2 Manage the flow of information from a wide variety of sources 4.B.2

3 Apply a fundamental understanding of the ethical/legal issues surrounding the access and use of information 4.B.3

**Media Literacy**

**A Analyze Media**

1 Understand both how and why media messages are constructed, and for what purposes 5.A.1

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2 Examine how individuals interpret messages differently, how values and points of view are included or excluded, and how media can influence beliefs and behaviors. 5.A.2

3 Apply fundamental understanding of the ethical/legal issues surrounding the access and media 5.A.3

**B Create Media Products**

1 Understand and utilize the most appropriate media creation tools, characteristics, and conventions. 5.B.1

2 Understand and effectively utilize the most appropriate expressions and interpretations in diverse, multi-cultural environments 5.B.2

**Information, Communications and Technology (ICT Literacy)**

**A Apply Technology Effectively**

1 Use technology as a tool to research, organize, evaluate and communicate information 6.A.1

2 Use digital technologies communication/networking tools and social networks appropriately to access, manage, integrate, evaluate and create information to successfully function in a knowledge economy 6.A.2

3 Apply a fundamental understanding of the ethical/legal issues surrounding the access and use of information technologies 6.A.3

**Life and Career Skills (Flexibility and Adaptability)**

**A Adapt to Change**

1 Adapt to varied roles, job responsibilities, schedules and contexts 7.A.1

2 Work effectively in a climate of ambiguity and changing priorities 7.A.2

**B Be Flexible**

1 Incorporate feedback effectively 7.B.1

2 Deal positively with praise, setbacks and criticism 7.B.2

3 Understand, negotiate and balance diverse views and beliefs to reach workable solutions, particularly in multi-cultural environments 7.B.3

**Initiative and Self-Direction**

**A Manage Goals and Time**

1 Set goals with tangible and intangible success criteria 8.A.1

2 Balance short-term and long-term goals 8.A.2

3 Utilize time and manage workload efficiently 8.A.3

**B Work Independently**

1 Monitor, define, prioritize and complete tasks without direct oversight 8.B.1

**ɜe Self-directed Learners**

Goes beyond basic mastery of skills and/or curriculum to explore and expand one's own learning and opportunities to gain expertise 8.C.1

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2 Demonstrates initiative to advance skill levels towards a professional level 8.C.2

3 Demonstrates commitment to learning as a lifelong process 8.C.3

4 Reflect critically on past experiences in order to inform future progress 8.C.4

**Social And Cross-Cultural Skills**

**A Interact Effectively with Others**

1 Know when it is appropriate to listen and when to speak 9.A.1

2 Conducts self in a respectable, professional manner 9.A.2

**B Work Effectively in Diverse Teams**

1 Respects cultural differences and works effectively with people from a range of social and cultural backgrounds 9.B.1

2 Respond open-mindedly to different ideas and values 9.B.2

3 Leverage social and cultural differences to create new ideas and increase both innovation and quality of work 9.B.3

**Productivity and Accountability**

**A Manage Projects**

1 Set and meet goals 10.A.1

2 Prioritizes, plans and manages work to achieve the intended result 10.A.2

**B Produce Results**

1 Demonstrate additional attributes associated with producing high-quality products including the abilities to 10.B.1

a Works positively and ethically 10.B.1.A

b Manages time and projects effectively 10.B.1.B

c Demonstrates the ability to multi-task 10.B.1.C

d Participate actively, as we as be reliable and punctual. 10.B.1.D

e Present oneself professionally and with proper etiquette 10.B.1.E

f Collaborate and cooperate effectively with teams 10.B.1.F

g Respects and appreciates team diversity 10.B.1.G

h Is accountable for results 10.B.1.H

**Leadership and Responsibility**

**A Leadership and Responsibility (Guide and lead others)**

1 Uses interpersonal and problem-solving skills to influence and guide others toward a goal 11.A.1

2 Leverages the strengths of others to accomplish a common goal 11.A.2

3 Inspire others to reach their very best via example and selflessness 11.A.3

· Demonstrates integrity and ethical behavior in using influence and power 11.A.4

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**B Be Responsible to Others**

1 Acts responsibly with the interests of the larger community in mind 11.B.1