

Glen Rose School District

Gifted and Talented Scope and Sequence

STRAND ONE: LEARNING AND INNOVATION SKILLS

STANDARD 1 – Creativity and Innovation

Students will think creatively and work creatively with others to implement innovations.

		K-2	3-6	7-9	10-12
1.1.1	Use a wide range of idea creation techniques (such as brainstorming)	I	D	D	E
1.1.2	Create new and worthwhile ideas (both incremental and radical concepts)	I	D	D	E
1.1.3	Elaborate, refine, analyze and evaluate their own ideas in order to improve and maximize creative efforts	I	D	D	E
1.1.4	Develop, implement and communicate new ideas to others effectively	I	D	D	E
1.1.5	Be open and responsive to new and diverse perspectives; incorporate group input and feedback into the work	I	D	D	E
1.1.6	Demonstrate originality and inventiveness in work and understand the real world limits to adopting new ideas	I	D	D	E
1.1.7	View failure as an opportunity to learn; understand that creativity and innovation is a long-term, cyclical process of small successes and frequent mistakes	I	D	D	E
1.1.8	Act on creative ideas to make a tangible and useful contribution to the field in which the innovation will occur	I	D	D	E
		I	D	D	E

STRAND ONE: LEARNING AND INNOVATION SKILLS

STANDARD 2- Critical Thinking and Problem Solving

Students will utilize critical thinking to learn problem-solving skills to apply to real-life situations.

Problem Solving		K-2	3-6	7-9	10-12
1.2.1	Use various types of reasoning (inductive, deductive, etc.) as appropriate to the situation	I	D	D	E
1.2.2	Analyze how parts of a whole interact with each other to produce overall outcomes in complex systems	I	D	D	E
1.2.3	Effectively analyze and evaluate evidence, arguments, claims and beliefs	I	D	D	E

1.2.4	Analyze and evaluate major alternative points of view	I	D	D	E
1.2.5	Synthesize and make connections between information and arguments	I	D	D	E
1.2.6	Interpret information and draw conclusions based on the best analysis	I	D	D	E
1.2.7	Reflect critically on learning experiences and processes	I	D	D	E
1.2.8	Solve different kinds of non-familiar problems in both conventional and innovative ways	I	D	D	E
1.2.9	Identify and ask significant questions that clarify various points of view and lead to better solutions	I	D	D	E

STRAND ONE: LEARNING AND INNOVATION SKILLS

STANDARD 3- Communication and Collaboration

Students will communicate clearly and collaborate with others.

1.3.1	Articulate thoughts and ideas effectively using oral, written and nonverbal communication skills in a variety of forms and contexts	I	D	D	E
1.3.2	Listen effectively to decipher meaning, including knowledge, values, attitudes and intentions	I	D	D	E
1.3.3	Use communication for a range of purposes (e.g. to inform, instruct, motivate and persuade)	I	D	D	E
1.3.4	Utilize multiple media and technologies, and know how to judge their effectiveness as well as assess their impact	I	D	D	E
1.3.5	Communicate effectively in diverse environments (including multi-lingual)	I	D	D	E
1.3.6	Demonstrate ability to work effectively and respectfully with diverse teams	I	D	D	E
1.3.7	Exercise flexibility and willingness to be helpful in making necessary compromises to accomplish a common goal	I	D	D	E
1.3.8	Assume shared responsibility for collaborative work, and value the individual contributions made by each team member	I	D	D	E

STRAND TWO: INFORMATION, MEDIA AND TECHNOLOGY SKILLS

STANDARD 1 – Information Literacy

Students will access, evaluate, use and manage information.

		K-2	3-6	7-9	10-12
2.1.1	Access information efficiently (time) and effectively (sources)	I	D	D	E
2.1.2	Evaluate information critically and competently	I	D	D	E
2.1.3	Use information accurately and creatively for the issue or problem at hand	I	D	D	E
2.1.4	Manage the flow of information from a wide variety of sources	I	D	D	E
2.1.5	Apply a fundamental understanding of the ethical/legal issues surrounding the access and use of information	I	D	D	E

STRAND TWO: INFORMATION, MEDIA AND TECHNOLOGY SKILLS

STANDARD 2 – Media Literacy

Students will analyze media and create media products.

		K-2	3-6	7-9	10-12
2.2.1	Recognize the relationship between problem finding and solving	I	D	D	E
2.2.2	Pose speculative questions	I	D	D	E
2.2.3	Question relationships and interpretations	I	D	D	E
2.2.4	Analyze discrepancies in thought or information	I	D	D	E
2.2.5	Generate new and different approaches to a given problem	I	D	D	E

STRAND TWO: INFORMATION, MEDIA AND TECHNOLOGY SKILLS

STANDARD 3 – Information, Communications and Technology Literacy

Students will apply technology effectively.

2.3.1	Use technology as a tool to research, organize, evaluate and communicate information	I	D	D	E
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2.3.2	Use digital technologies (computers, PDAs, media players, GPS, etc.), communication/networking tools and social networks appropriate to access, manage, integrate, evaluate and create information to successfully function in a knowledge economy	I	D	D	E
2.3.3	Apply a fundamental understanding of the ethical/legal issues surrounding the access and use of information technologies	I	D	D	E

STRAND THREE: LIFE AND CAREER SKILLS					
STANDARD 1 – Flexibility and Adaptability					
<i>Students will adapt to change and show flexibility</i>					
		K-2	3-6	7-9	10-12
3.1.1	Adapt to varied roles, job responsibilities, schedules and contexts	I	D	D	E
3.1.2	Work effectively in a climate of ambiguity and changing priorities	I	D	D	E
3.1.3	Incorporate feedback effectively	I	D	D	E
3.1.4	Deal positively with praise, setbacks and criticism	I	D	D	E
3.1.5	Understand, negotiate and balance diverse views and beliefs to reach workable solutions, particularly in multi-cultural environments	I	D	D	E
STRAND THREE: LIFE AND CAREER SKILLS					
STANDARD 2 – Initiative and Self-Direction					
<i>Students will develop skills to manage goals and time, work independently, and be self-directed learners.</i>					
		K-2	3-6	7-9	10-12
3.2.1	Set goals with tangible and intangible success criteria	I	D	D	E
3.2.2	Balance tactical (short-term) and strategic (long-term) goals	I	D	D	E

3.2.3	Utilize time and manage workload efficiently	I	D	D	E
3.2.4	Monitor, define, prioritize and complete tasks without direct oversight	I	D	D	E
3.2.5	Go beyond basic mastery of skills and/or curriculum to explore and expand one's own learning and opportunities to gain expertise	I	D	D	E
3.2.6	Demonstrate initiative to advance skill levels towards a professional level	I	D	D	E
3.2.7	Demonstrate commitment to learning as a lifelong process	I	D	D	E
3.2.8	Reflect critically on past experiences in order to inform future progress	I	D	D	E

STRAND THREE: LIFE AND CAREER SKILLS

STANDARD 3 – Social and Cross-Cultural Skills

Students will interact effectively with others and work effectively in diverse teams.

3.3.1	Know when it is appropriate to listen and when to speak	I	D	D	E
3.3.2	Conduct themselves in a respectable, professional manner	I	D	D	E
3.3.3	Respect cultural differences and work effectively with people from a range of social and cultural backgrounds	I	D	D	E
3.3.4	Respond open-mindedly to different ideas and values	I	D	D	E
3.3.5	Leverage social and cultural differences to create new ideas and increase both innovation and quality of work	I	D	D	E

STRAND THREE: LIFE AND CAREER SKILLS

STANDARD 4 – Productivity and Accountability

Students will manage products to produce results.

3.4.1	Set and meet goals, even in the face of obstacles and competing pressures	I	D	D	E
3.4.2	Prioritize, plan and manage work to achieve the intended result	I	D	D	E
3.4.3	Demonstrate additional attributes associated with producing high quality products including the abilities to: work positively and ethically, manage time and projects effectively, multi-task, participate actively, be reliable and punctual, present oneself professionally with proper etiquette, collaborate and cooperate effectively with teams, respect and appreciate team diversity, and be accountable for results.	I	D	D	E

STRAND THREE: LIFE AND CAREER SKILLS					
STANDARD 5 – Leadership and Responsibility					
<i>Students will be responsible to others and develop skills to guide and lead others.</i>					
3.5.1	Act responsibly with the interests of the larger community in mind	I	D	D	E
3.5.2	Use interpersonal and problem-solving skills to influence and guide others toward a goal	I	D	D	E
3.5.3	Leverage strengths of others to accomplish a common goal	I	D	D	E
3.5.4	Inspire others to reach their very best via example and selflessness	I	D	D	E
3.5.5	Demonstrate integrity and ethical behavior in using influence and power	I	D	D	E