# Marked Tree Public School Gifted & Talented Education



K-12 Scope & Sequence

2018-19

# Marked Tree Public School G.T. Strands Documentation 2018-19 Standards

Cognition  1. Creative Thinker	Students will increase their ability to generate many, varied, innovative, and elaborate ideas and solutions to problems.  Students will increase their ability to generate many, varied, innovative, and elaborate ideas and solutions
2. Critical Thinker	to problems.  Students will use higher order thinking skills of analysis, synthesis, evaluation, and utilize problemsolving skills and develop strategies that can be applied to real-life.
Product	
3. Research/Independent Learning	Students will acquire research/independent learning skills by selecting a topic, research, and analyze information.
4. Communication	Students will develop effective presentation formats using communication skills and develop effective learning skills.
Affective	_
5. Self-Concept	Students will develop an awareness of self through activities/experiences design to foster their ability to enhance self-concepts.
6. Interpersonal Relations	Students will develop their ability to enhance interpersonal relations.
7. Personal Decision Mak	Students will develop personal decision making skills.
8. Risk Taking	Students will learn to cope with success and failure by developing risk-taking skills.
9. Leadership	Students will develop effective leadership skills.
10. Survival Skills	Students will develop survival skills necessary to thrive as a gifted learner.



If cell is split: \*Top Standard (k-2)
Bottom (3-6)

I-Introd	luce D- Develop M-Master R- Review					Dotton	()
#	<b>Student Learning Expectation</b>	K	1-2	3/4	5/6	7-9 / 10-12	BLOOM'S
	Fluency						
	nts will increase their ability to generate orig	inal a	and vari	ied ide	as and s	solutions to problem	s through the
	fluency.	T +	DAI	1	1	[ G, 1 , 1	T
1.1.1	The learner will generate many alternatives in problem finding and solving.	I	D/M			Students are served thru Honor's	
	problem midnig and solving.					Classes (Secondary	
	Independently generate many alternatives in					Content, Pre-AP,	
	problem finding and solving.					AP, or College	Analysis
				I/D	D/M	Courses). Educators	
1.1.2	The learner will utilize brainstorming	I	D/M	I/D	M/R	use guidelines to direct appropriate	Analysis
	techniques.					lessons for the	•
1.1.3	The learner will generate a list of pros and cons.	I	D/M	I/D	M/R	gifted.	Evaluation
1.1.4	The learner will generate a list of attributes.	I	D/M	I/D	M/R	( M//R)	Evaluation
	Flexibility				_		
	nts will increase their ability to generate orig	inal a	and vari	ied ide	as and s	solutions to problem	s through the
	flexibility.	T +	DAI	1	1	[ G, 1 , 1	T
1.2.1	The learner will utilize new and different approaches to problems.	I	D/M			Students are served thru Honor's	
	approaches to problems.					Classes (Secondary	Synthesis
	Utilize a new or different approach to a problem.			I/D	M/R	Content, Pre-AP,	Synthesis
1.2.2	The learner will minify, magnify and/or modify	I	D/M	1/1/	1V1/ 1X	AP, or College	
1.2.2	ideas or concepts.	1	<i>D</i> /101			Courses). Educators	Synthesis
				I/D	M/R	use guidelines to direct appropriate	
	Modify and adapt ideas or concepts					lessons for the	
1.2.3	The learner will adapt a single idea or material	I	D/M			gifted.	
	to many different uses.						Analysis
	Adapt a single idea or material to many different			I/D	M/R	(M//R)	
	uses			1/1/	1V1/1X		
1.2.4	The learner will explore unexplained or	I	D/M				
	unknown concepts.						
	Explain unexplained or unknown n concepts			I/D	N/D		Analysis
	with minimal guidance.			I/D	M/R		Analysis
1.2.5	The learner will apply a principle or concept to	I	D/M	I/D	M/R		Synthesis
<del> </del>	different areas.						
	Originality				_		
	nts will increase their ability to generate orig	inal a	and vari	ied ide	as and s	solutions to problem	s through the
use of	originality.						
1 2 1	The learner will create unique products or ideas	T	D/M	I/D	M/D	Students are served	Cumthoois
1.3.1	by combining, organizing, or redesigning	I	D/M	I/D	M/R	thru Honor's	Synthesis
	concepts or materials.					Classes (Secondary	
1.3.2	The learner will generate unusual solutions to	I	D/M	I/D	M/R	Content, Pre-AP,	Synthesis
	problems.	-				AP, or College	
1.3.3	The learner will generate unusual answers to questions.	I	D/M			Courses). Educators use guidelines to	G d
	questions.					direct appropriate	Synthesis
	Generate unusual answers to questions with greater	erate unusual answers to questions with greater lessons for the					
	depth and complexity.			I/D	M/R	gifted.	
						( M//R)	
		1	1	1	1	1	1

#	Student Learning Expectation	K	1-2	3/4	5/6	7-9 / 10-12	Bloom's
1.3.4	The learner will develop new ideas or concepts by synthesizing seemingly unconnected information.	I	D/M	I/D	M/R	Students are served Students are served thru Honor's	Synthesis
						Classes (Secondary Content, Pre-AP, AP, or College	
1.3.5	The learner will reorganize a body of	I	D/M			Courses). Educators	Comprehension
	information and make original additions to it (Verbally K-1)					use guidelines to	
	The learner will reorganize a body of					direct appropriate lessons for the	
	information and make original additions to it			I/D	M/R	gifted.	
	with developing skills evident.			1/10	101/10	( M//R)	
	Elaboration				_		
	nts will increase their ability to generate orige elaboration.	ginal a	and vari	ied ide	as and s	solutions to problem	s through the
1.4.1	The learner will recognize the need for details.	I	D/M	I/D	M/R	M/R M/R	Analysis
1.4.2	The learner will use detail to embellish or	I	D/M	I/D	M/R	Students are served	Synthesis
	enhance objects, concepts or questions.					thru Honor's	
1.4.3	The learner will use familiar objects in ways different from their intended purpose.	I	D/M	I/D	M/R	Classes (Secondary Content, Pre-AP,	Synthesis
1.4.4	The learner will distinguish between detail and the necessary components of concepts or	I	D/M	I/D	M/R	AP, or College Courses). Educators	Evaluation
	products.					use guidelines to	
						direct appropriate	
						lessons for the gifted.	
						( M//R)	
Studer	: Curiosity nts will increase their ability to generate orig curiosity.	ginal a	and vari	ed ide	as and s	solutions to problem	s through the
1.5.1	The learner will pose questions with guidance.	I	D/M			Students are served	
	The learner will pose questions in depth and					thru Honor's Classes (Secondary	
	with creative insight					Content, Pre-AP,	Analysis
				T/D	3.4/D	AP, or College	
1.5.0	The learner will recognize the relationship	т	D/M	I/D	M/R	Courses). Educators use guidelines to	
1.5.2	between problem-finding and problem-solving.	I	D/M			direct appropriate	
	"with assistance" K-1					lessons for the	Analysis
	The learner will recognize the relationship			I/D	M/R	gifted.	7 111a1 y 515
	between problem-finding and problem-solving without prompting				1,1/1	( M//R)	
1.5.3	The learner will question relationships and	I	D/M			(141/11)	
	interpretation "with assistance" K-1			I/D	M/R		Analysis
	Imagination						
	nts will increase their ability to generate orig	ginal a	and vari	ied ide	as and s	solutions to problem	s through the
	imagination.  The learner will create alternate outcomes for	Т	D/M	I/D	M/D	Students are served	Cynthosis
1.6.1	reality through imagination.	I	D/M	I/D	M/R	thru Honor's	Synthesis
1.6.2	The learner will give human traits to inanimate	I	D/M			Classes (Secondary	Synthesis
	objects.			I/D	M/R	Content, Pre-AP,	
162	Develop metaphors and symbols.  The learner will demonstrate an ability to	Т	D/M	I/D	M/D	AP, or College Courses). Educators	Cynthasia
1.6.3	overcome the constraints of time, environment,	I	D/M	I/D	M/R	use guidelines to	Synthesis
	logic, and responsibility.					direct appropriate	
						lessons for the	
						gifted. ( M//R)	
						( M//K)	

	12: Critical Thinking (CT)						
	Analysis						
Studen	its will develop the higher order thinking	g skill o	f analysis	to reas	on and sho	ow evidence of tl	neir thought
proces						T	_
#	Student Learning Expectation	K	1-2	3/4	5/6	7-9/ 10-12	
2.1.1	The learner will identify a main idea.	I	D/M			Students are	
	The learner will identify a main idea in					served thru	Analysis
	The learner will identify a main idea in oral, written, or non-verbal form.			I/D	M/R	Honor's Classes	
2.1.2	The learner will recognize relationships	Ι	D/M	I/D	M/R	(Secondary	Analysis
2.1.2	among ideas and data directed by educator.	1	D/1VI		IVI/ IX	Content, Pre-	Allarysis
2.1.3	The learner will provide supportive	Ι	D/M			AP, AP, or	
2.1.5	evidence for a particular idea/principle by	_	27111			College	
	answering why questions.					Courses).	Analysis
				I/D	M/R	Educators use	Allarysis
	The learner will provide supportive				101/10	guidelines to direct	
214	evidence for a particular idea/principle.  The learner will classify information into	т	D/M	I/D	M/D	appropriate	A1
2.1.4	logical categories.	I	D/M	I/D	M/R	lessons for the	Analysis
2.1.5	The learner will deduce information and	Ι	D/M	I/D	M/R	gifted.	Analysis
2.1.3	draw conclusions.	1	1۷۱/۱۷۱	עיו	171/17		Amarysis
2.1.6	The learner will compare attributes of	Ι	D/M	I/D	M/R	(M//R)	Analysis
	varying ideas.	<u> </u>					
2.1.7	The learner will sequence information to	I	D/M	I/D	M/R		Analysis
	make a point or verify a solution.						
Focus	: Synthesis						
Stude	nts will develop the higher order thin	king sk	kill of sy	nthesis	to reason	and show evid	ence of their
though	ht processes.						
2.2.1	The learner will combine concepts,	NA	NA	I/D	M/R	Students are	Synthesis
	principles, and generalizations to generate a					served thru	
	new relationship/understanding.					Honor's	
2.2.2	The learner will modify and adapt	NA	NA	I/D	M/R	Classes (Secondary	Synthesis
	information, materials and ideas to be used in a different manner.					Content, Pre-	
2.2.3	The learner will make valid predictions	NA	NA	I/D	M/R	AP, AP, or	Synthesis
2.2.3	based on available information or as a	INA	INA		101/10	College	Synthesis
	result of an action.					Courses).	
2.2.4	The learner will formulate alternatives to a	NA	NA	I/D	M/R	Educators use	Synthesis
	problem or issue.					guidelines to	
						direct	
						appropriate lessons for the	
						gifted.	
						( M//R)	
Focus:	Evaluation	I.		I.		111/11/	ı
	ats will develop the higher order thinking	g skill o	f evaluati	ion to re	eason and	show evidence o	f their thought
process	•	<b>v</b> .					<del> </del>
2.3.1	The learner will develop	NA	NA	I/D	M/R	Students are	Evaluation
	evaluation/assessment criteria as a group.					served thru	
2.3.2	The learner will utilize criteria to assess the	NA	NA	I/D	M/R	Honor's	
	organization, content, value and					Classes	Evaluation
	effectiveness of a product or process while					(Secondary Content, Pre-	
	working in a group.					AP, AP, or	
2.3.3	The learner will assess the accuracy and	NA	NA	I/D	D/M	College	
2.3.3	relevance of points used to support an	INA	INA	וועו	17/171	Courses).	Evaluation
	argument.					Educators use	Evaluation
	_					guidelines to	
						direct	

						appropriate lessons for the gifted.  ( M//R)	
#	Student Learning Expectation	K	1-2	3-4	5/6	7-9 /10-12	Bloom's
2.3.4	The learner will prove or disprove ideas by	NA	NA	I/D	D/M	Students are served thru	Evaluation
2.3.5	presenting evidence.  The learner will differentiate between constructive and destructive criticism	NA	NA	I/D	D/M	Honor's Classes (Secondary Content, Pre- AP, AP, or College Courses). Educators use guidelines to direct appropriate lessons for the gifted.	Evaluation
T	Describer Calaina					(M//R)	
	: Problem Solving	and day	zolon et	rotogiog	that can	he applied to p	aal lifa
2.4.1	nts will utilize problem-solving skills  The learner will recognize a problem	and dev	D D	D/D	M	Students are	Problem Solving
2.4.1	(understand a given situation.) with assistance.	1		D/D	IVI	served thru Honor's	1 Toolem Solving
2.4.2	The learner will define the problem.	I	D	D/D	M	Classes	Problem Solving
2.4.3	The learner will gather ideas and data related to the problem.	I	D	D/D	M	(Secondary Content, Pre-	Problem Solving
2.4.4	The learner will brainstorm varying aspects of the problem.	I	D	D/D	M	AP, AP, or College Courses).	Problem Solving
2.4.5	The learner will identify underlying problems and sub-problems.	I	D	D/D	M	Educators use guidelines to direct appropriate lessons for the gifted.  ( M//R)	Problem Solving
Strana	d 3: Research/Independent Learning (A	R)					
	: Select/Develop Topic						
	nts will acquire research/independen	1					
3.1.1.	The learner will brainstorm for a topic.	I	D/M	R	R	Students are	Analysis
3.1.2	The learner will formulate questions to guide research with assistance.	I	D/M	R	R	served thru Honor's Classes	Analysis
3.1.3	The learner will develop a hypothesis.	I	D/D	D	M	(Secondary	Analysis
3.1.4	The learner will determine materials and technical resources needed.	I	D/D	D	M/R	Content, Pre- AP, AP, or	Comprehension
3.1.5	The learner will develop a plan and time line for gathering information.	I	D/D	D	M/R	College Courses).	Synthesis
3.1.6	The learner will develop criteria to evaluate a product.	I	D/D	D	M/R	Educators use guidelines to direct appropriate lessons for the gifted.  ( M//R)	Evaluation

3.2.1	nts will utilize data collection to acque. The learner will develop a research outline.	NA	NA	D/D	M/R	Students are	Synthesis
3.2.2	The learner will acquire information from various resources.	NA	NA	I/D	M/R	served thru Honor's	Synthesis
3.2.3	The learner will use various media sources (such as computers, videos, and other electronic devices, etc.)	NA	NA	I/D	M/R	Classes (Secondary Content, Pre-	Application
3.2.4	The learner will utilize individuals and community resources.	NA	NA	I/D	M/R	AP, AP, or College Courses).	Application
3.2.5	The learner will use appropriate research methods(such as case studies, interviews)	NA	NA	I/D	M/R	Educators use guidelines to	Application
3.2.6	The learner will use various skills (such as note taking, outlining, photography, graphs, tables, etc.) to collect data.	NA	NA	I/D	M/R	direct appropriate lessons for the	Application
3.2.7	The learner will read/interpret and validate data.	NA	NA	I/D	M/R	gifted. ( M//R)	Analysis
	: Organizing/Analyzing Data						
	nts will acquire research/independen						lata.
	duce D-Develop M-Master	K	1-2	3-4	5-6	7-9/10-12	
3.3.1	The learner will organize and interpret data.	NA	NA	I/D	M/R	Students are served thru	Synthesis
3.3.2	The learner will modify hypothesis if needed.	NA	NA	I/D	M/R	Honor's Classes	Synthesis
3.3.3	The learner will document authenticity of sources.	NA	NA	I/D	M/R	(Secondary Content, Pre-	Knowledge
J.J. <del>4</del>	3.4 The learner will develop data into an illustrative form for appropriate media.	NA	A NA	I/D	/D M/R	AP, AP, or College Courses). Educators use guidelines to direct appropriate lessons for the gifted. ( M//R)	Comprehension
Stude resear	: Presentation and Evaluation of Pronts will develop research/independent ch product.	t-learn					
3.4.1	The learner will exhibit an advantage for	NA	NA	I/D	M/R	Students are served thru	Synthesis
3.4.2	The learner will establish procedures for developing and improving a final presentation.	NA	NA	I/D	M/R	Honor's Classes	Synthesis
3.4.3	The learner will develop an original product to accompany the presentation of the selected topic.	NA	NA	I/D	M/R	(Secondary Content, Pre- AP, AP, or	Application
3.4.4	The learner will apply evaluative criteria to the product.	NA	NA	I/D	M/R	College Courses).	Application
3.4.5	The learner will present information of the selected topic to an appropriate audience.	NA	NA	I/D	M/R	Educators use guidelines to direct appropriate lessons for the	Synthesis

Strand	d 4: Communication (CM)						
Focus	: Verbal						
Stude	nts will develop their verbal commu	nication	skills.				
4.1.1	The learner will verbally express ideas, opinions and feelings.	I	D	D/R	M/R	Students are served thru	Knowledge
4.1.2	The learner will organize material for an oral presentation.	NA	NA	D/R	M/R	Honor's Classes	Synthesis
4.1.3	The learner will vary content and style according to purpose and audience.	NA	NA	D/R	M/R	(Secondary Content, Pre-	Synthesis
4.1.4	The learner will present material to an appropriate audience.	NA	NA	D/R	M/R	AP, AP, or College Courses). Educators use guidelines to direct appropriate lessons for the gifted. ( M//R)	Synthesis

# (Cont.) Strand 4: Communication (CM)

<b>Focus:</b>	Non-Verbal						
Studen	ts will develop their non-verbal co	ommun	ication	skills.			
#	Student Learning Expectation	K	1-2	3-4	5-6	7-9/ 10-12	Bloom's
4.2.1	The learner will nonverbally express ideas, opinions, and feelings through body language or drawings. (K-2)  The learner will nonverbally express ideas, opinions and feelings.	I	D/M	I/D	M/R	Students are served thru Honor's Classes (Secondary Content, Pre-	Comprehension
4.2.2	The learner will translate verbal communication into another medium.  Translate verbal communication into another medium (sign language/body language.)	I	D/D	I/D	D/M	AP, AP, or College Courses). Educators use guidelines to direct	Synthesis
4.2.3	The learner will recognize non-verbal methods that influence thinking.	I	D	D/R	M/R	appropriate lessons for the	Application
4.2.4	The learner will vary content and style according to purpose and audience.	I	D	D/R	M/R	gifted. ( M//R)	Analysis
4.2.5	The learner will enhance a presentation by using non-verbal forms of expression.	I	D	D/R	M/R		Synthesis
<b>Focus:</b>	Written Communication		•				
Studen	ts will develop their written comn	nunicat	ion skil	ls.			
4.3.1	The learner will recognize and use various types of written communication.	NA	I/D	D/R	M/R	Students are served thru Honor's	Application
4.3.2	The learner will develop appropriate techniques related to a specific writing project.	NA	I/D	D/R	M/R	Classes (Secondary Content, Pre-	Application
4.3.3	The learner will plan a written document.	NA	I/D	D/R	M/R	AP, AP, or College	Application
4.3.4	The learner will vary content and style according to purpose and audience.	NA	NA	I/D	M/R	Courses). Educators use guidelines to	Analysis
4.3.5	The learner will present material to an appropriate audience.	NA	NA	I/D	M/R	direct appropriate	Synthesis

						lessons for the	
						gifted. ( M//R)	
Focus: I	istening	I			1.		
Students	will develop their listening skill	s.					
4.4.1	The learner will identify and demonstrate various skills of listening (such as eye-contact, observation, attentiveness, etc.).	I	D	D/R	M/R	Students are served thru Honor's Classes	Comprehension
4.4.2	The learner will demonstrate effective body language while listening.	I	D	D/R	M/R	(Secondary Content, Pre-	Comprehension
4.4.3	The learner will evaluate benefits of listening skills.	I	D	D/R	M/R	AP, AP, or College Courses). Educators use guidelines to direct appropriate lessons for the gifted.	Evaluation
						( M//R)	
Strand 5	: Affective Development (A)						
	elf Concept						
	s will develop an awareness of se	lf throu	gh acti	vities/ex <sub>]</sub>	perience	s designed to fo	oster their ability to
	self-concepts.	TZ	1.0	124		7.0/10.10	DI COMIC
# 5 1 1	Student Learning Expectation The learner will recognize and	K	1-2	3-4	5-6	7-9/ 10-12 Students are	BLOOM'S
5.1.1	understand one's own special abilities and limitations.	I	D	D/D	M/R	served thru Honor's	Comprehension
5.1.2	The learner will set standards and goals appropriate to ability level.	I	D	D/D	M/R	Classes (Secondary	Evaluation
5.1.3	The learner will develop a belief in the ability to succeed.	I	D	D/D	M/R	Content, Pre- AP, AP, or	Analysis
5.1.4	The learner will identify and demonstrate an awareness of various emotions and values.	I	D	D/D	M/R	College Courses). Educators use guidelines to	Knowledge & Comprehension
5.1.5	The learner put positive and negative feedback into perspective.	I	D	D/D	M/R	direct appropriate lessons for the gifted.  ( M//R)	Evaluation
	nterpersonal Relations						
	s will develop the ability to enhar					La	
5.2.1	The learner will discover and respect the uniqueness of others work cooperatively and responsibly.	I	D	D/D	M/R	Students are served thru Honor's	Analysis
5.2.2	The learner will recognize one's own role in various groups.	I	D	D/D	M/R	Classes (Secondary	Comprehension
5.2.3	The learner will offer and accept constructive feedback.	I	D	D/D	M/R	Content, Pre- AP, AP, or	Evaluation
5.2.4	The learner will anticipate interpersonal conflicts and accept responsibility for consequences of actions.	I	D	D/D	M/R	College Courses). Educators use guidelines to direct appropriate	Analysis

5.2.5	The learner will develop awareness that cooperation and competition are aspects of interpersonal relations.	I	D	D/D	M/R	lessons for the gifted.  ( M//R)  Students are served thru Honor's	Comprehension
5.2.6	The learner will recognize and evaluate the expectations of adults and peers.	I	D	D/D	M/R	Classes (Secondary Content, Pre- AP, AP, or College Courses). Educators use guidelines to direct appropriate lessons for the gifted. ( M//R)	Knowledge & Evaluation

Focus: Personal Decision-Making
Students will develop personal decision-making skills.

#	Student Learning Expectation	K	1-2	3-4	5-6	7-9/ 10-12	BLOOM'S
5.3.1	The learner will establish priorities and set realistic goals.	I	D	D/D	M/R	Students are served thru	Evaluation
5.3.2	The learner will review all positive alternatives.	I	D	D/D	M/R	Honor's Classes (Secondary	Analysis
5.3.3	The learner will weigh/review pros and cons of each alternative, as a group or class (K-2).  The learner will review all positive alternatives. (3-6)	I	D/M	I/D	M/R	Content, Pre- AP, AP, or College Courses). Educators use guidelines to	Evaluation
5.3.4	The learner will choose the best alternative.	I	D	D/D	M/R	direct appropriate	Analysis
5.3.5	The learner will weigh/evaluate the pros and cons of each alternative and support the decisions.	I	D/M			lessons for the gifted.  ( M//R)	Evaluation
	The learner will develop skills in weighing pros and cons of alternatives in personal decision making skills.			I/D	M/R		
5.3.6	The learner will develop skills necessary for self-learning while being guided by educator in decision making. (K-2)	I	D/M	I/D	M/R		Evaluation
	Develop skills necessary for self-learning in decision making skills.						
5.3.7	The learner will investigate varied career options while studying community helpers.	I	D/M	I/D	M/R		Knowledge
	Investigate varied career options while studying famous people.						

	Risk Taking	and fail	uwa bw	davalani	na vial:	tolring alvilla	
5.4.1	ts will learn to cope with success a  The learner will risk a mistake or failure.	Ing ran	D D	D	D/M	Students are served thru	Evaluation
5.4.2	The learner will explore new experiences and attempt difficult tasks.	I	D	D	D/M	Honor's Classes (Secondary	Analysis
5.4.3	The learner will analyze discrepancies in thought or information and develop alternative perspectives.	I	D	D	D/M	Content, Pre- AP, AP, or College	Analysis
5.4.4	The learner will risk criticism in support of own beliefs and ideas.	I	D	D	D/M	Courses). Educators use	Evaluation
5.4.5	The learner will predict consequences of risk taking and assume responsibility for a course of action.	I	D	D	D/M	guidelines to direct appropriate lessons for the gifted.  ( M//R)	Comprehension
	Leadership t will develop effective leadership	ckille					
	Student Learning Expectation	K K	1-2	3-4	5-6	7-9/10-12	Bloom's
5.5.1	The learner will define and assess characteristics of leadership.	N/A	I/D	D/D	M/R	Students are served thru	Evaluation
5.5.2	The learner will discriminate between positive and negative attributes of a leader.	N/A	I/ D	D/ D	M/R	Honor's Classes (Secondary	Analysis
5.5.3	The learner will assess the motivational aspects of effective leadership.	N/A	I/ D	D/ D	M/R	Content, Pre- AP, AP, or College	Evaluation
5.5.4	The learner will participate in activities that develop effective leadership roles.	N/A	I/ D	D/ D	M/R	Courses). Educators use guidelines to direct appropriate lessons for the gifted. ( M//R)	Knowledge
Focus:	Survival Skills					(141/14)	<u> </u>
Student	ts will develop survival skills nece	essary to	o thrive	as a gif	ted learı	ner.	
5.6.1	The learner will explore coping strategies in such areas as perfectionism, gifted characteristics, gifted females, gifted males, gifted underachievement, and twice exceptional students.	N/A	N/A	I/D	D/M	Students are served thru Honor's Classes (Secondary Content, Pre-	Knowledge
5.6.2	The learner will accept opportunities to attempt new challenges leading to task commitment or possible lifelong passions in learning.	N/A	N/A	I/D	D/M	AP, AP, or College Courses). Educators use	Comprehension
5.6.3	The learner will demonstrate effective use of time.	N/A	N/A	I/D	D/M	guidelines to direct	Comprehension
5.6.4	The learner will assess/reassess obligations in individual and group endeavors to fulfill guidelines established by learner and/or the teacher/facilitator.	N/A	N/A	I/D	D/M	appropriate lessons for the gifted.  ( M//R)	Evaluate  Evaluate
5.6.5	The learner will accept responsibility for own action and ideas.	N/A	N/A	I/D	D/M		Comprehension

#### **GT Scope & Sequence Appendix**

#### ASCD Thinking Skills from Dimensions of Learning:

Focusing—directing one's attention to selected information
Defining problems—clarifying problem situations
Setting goals—establishing direction and purpose

Information gathering—acquiring relevant data

Observing—obtaining information through one or more senses Questioning—seeking new information by formulating questions

Remembering—storing and retrieving information

Encoding—storing information in long-term memory

Recalling—retrieving information from long-term memory

Organizing—arranging information so that it can be used more effectively

Comparing—noting similarities and differences between two or more entities

Classifying—placing entities in groups by common attributes

Ordering—sequencing entities according to a given criterion

Analyzing—clarifying existing information by identifying and distinguishing among components, attributes, and so on.

Identifying attributes and components—determining characteristics or parts of something Identifying relationships and patterns—recognizing ways elements are related

Generating—using prior knowledge to add new information

Inferring—reasoning beyond available information to fill in gaps

Predicting—anticipating or forecasting future events

Elaborating—using prior knowledge to add meaning to new information and to link it to existing structures.

Representing—adding new meaning by changing the form of information

Integrating—connecting and combining information

Summarizing—abstracting information efficiently and parsimoniously

Restructuring—changing existing knowledge structures to incorporate new information

Evaluating—assessing the reasonableness and quality of ideas

Establishing criteria—setting standards for making judgments

Verifying—confirming the accuracy of claims

Identifying errors—recognizing logical fallacies

#### Marzano's Taxonomy:

#### Level 1—Comprehension

Recall—Identify or recognize features of information but does not necessarily understand the structure of knowledge or cannot

differentiate critical from non-critical elements

Execution—Perform a procedure without significant error but does not necessarily understand how and why the procedures work

#### Level 2—Comprehension

Synthesis—Identify the basic structure of the knowledge and the critical as opposed to non-critical characteristics

Representation—Construct an accurate symbolic representation of the knowledge differentiating critical from non-critical elements

# Level 3—Analysis

Matching—Identify important similarities and differences between knowledge

Classifying—Identify superordinate and subordinate categories related to the knowledge

Error analysis—Identify errors in the presentation or use of the knowledge

Generalizing—Construct new generalizations or principles based on the knowledge

Specifying—Identify specific applications or logical consequences of the knowledge

#### Level 4—Utilization

Decision-making—Use the knowledge to make decisions or can make decisions about the use of the knowledge

Problem solving—Use the knowledge to solve problems or can solve problems about the knowledge Experimental inquiry—Use the knowledge to generate and test hypotheses or can generate and test hypotheses about the knowledge

Investigation—Use the knowledge to construct investigations or can conduct investigations about the knowledge

# Level 5—Metacognition

Goal specification—Set and plan goals relative to the knowledge

Process monitoring—Monitor the execution of the knowledge

Monitoring clarity—Determine the extent to which he or she has clarity about the knowledge

Monitoring accuracy—Determine the extent to which he or she is accurate about the knowledge

#### Level 6—Self

Examining importance—Identify how important the knowledge is to him or her and the reasoning underlying this perception

Examining efficacy—Identify beliefs about his or her ability to improve competence or understanding relative to the knowledge and the reasons for these responses

Examining emotional response—Identify emotional responses to the knowledge and the reasons for these responses

Examining motivation—Identify his or her level of motivation to improve competence or understanding relative to the knowledge and the

reasons for this level of motivation

#### Treffinger's Creative Problem Solving:

#### Understanding the challenge

Constructing opportunities

Generate possible opportunities and challenges to consider

Focus by identifying the most promising opportunities to pursue

Exploring data

Examine many sources of data from different points of view

Identify the key or most important data

Framing problems

Generate many, varied, and unusual ways to state the problem

Select or form a specific problem statement

#### Generating ideas

Produce many, varied, and unusual ideas

Identify ideas with interesting potential to develop or use

#### Preparing for action

Developing solutions

Organize, analyze, refine, or strengthen promising possibilities

Combine, evaluate, prioritize, or select promising solutions

Building acceptance

Consider various sources of assistance and resistance and possible actions for implementation Formulate specific plans to gain support for, carry out, and evaluate actions

#### **SCAMPER**

- S Substitute or subtract (material, color, function, quality ...)
- C Combine (unite, join, embody, assimilate, blend ...)
- A Adapt, add, or alter (conform, regulate, adjust, fit ...)
- M Modify, magnify, minimize, or multiply (transform, vary, moderate, strengthen ...)
- P Put to other uses or pull apart
- E Eliminate
- R Reverse or rearrange (place contrary or opposite to, transpose, invert, change order ...)

### Renzulli's Operation Houndstooth

Optimism (hope, positive feelings from hard work)

Courage (psychological/intellectual independence, moral conviction)

Romance with a topic or discipline (absorption, passion)

Sensitivity to human concerns (insight, empathy)

Physical/mental energy (charisma, curiosity)

Vision/sense of destiny (sense of power to change things, sense of direction, pursuit of goals

#### 13 Thinking Tools of the World's Most Creative People

Robert and Michele Root-Bernstein

Observing 1. 2. **Imaging** 3. Abstracting

4. Recognizing patterns

5. Forming patterns

Analogizing 6.

Body thinking 7. 8. **Empathizing** 

9. Dimensional thinking

10. Modeling Playing 11.

12. Transforming

Synthesizing 13.

Kaplan's Elements of Depth

and Complexity

Language of the disciplines

Details **Patterns** Trends

Unanswered questions

Rules **Ethics** Big ideas

Change over time Different perspectives

Interdisciplinary relationships

# Flow—Mihaly Csikszentmihalyi

Flow is a sustained period of intense and concentrated thought and effort in which the person may be unaware of other surrounding events and actions. The result is heightened sensitivity and increased complexity of self in both differentiation (uniqueness) and integration (union with others or joining of parts).

# Paul's Critical Thinking Model (interconnected)

Purpose/goal Point of view Concepts/ideas

Information/Evidence/data

Assumptions matter? Inferences

Implications/consequences Issue/problem/question

**CPESS Habits of Mind** 

Evidence: How do we know? Viewpoint: Who's speaking? Connections: What causes what?

Supposition: How might things be different? Meaningfulness: What the point, why does it

# Project 2061 Habits of Mind

Integrity Diligence Fairness Curiosity Openness to new ideas

Skepticism **Imagination**  Faciones and Sanchez Dispositions of a Critical Thinker

Inquisitiveness Open-mindedness Systematicity Analyticity Truth seeking

Critical-thinking self-confidence

**Maturity** 

Ennis' Dispositions of a Critical Thinker

To be clear about intended meanings To determine and maintain focus

To take the total situation into account

To seek and offer reasons

To try to be well informed

To look for alternatives

To seek precision as required

To be aware of one's own beliefs

To be open-minded

To withhold judgment when evidence is insufficient

To take a position

To use one's critical-thinking abilities

Paul's Virtues and Passions

Passion for clarity, accuracy, fair-mindedness

Fervor for getting to the bottom of things Sympathetic listening to opposing views

Drive to seek out evidence

Aversion to contradictions, sloppy thing

inconsistent use of standards

Devotion to truth

Intellectual courage

Intellectual humility

Intellectual empathy

Intellectual integrity

Intellectual perseverance

Faith in reason

Intellectual sense of justice

# Marzano: Habits of Creative and Critical Learning and Thinking

Engaging intensely in tasks even when answers or solutions aren't immediately apparent

Pushing the limits of your knowledge and abilities

Generating, trusting, and maintaining your own standards of evaluation

Generating new ways of viewing a situation outside the boundaries to the standard convention

Being aware of necessary resources

Being sensitive to feedback

Evaluating the effectiveness of your actions

Being accurate and seeking accuracy

Being clear and seeking clarity

Being open-minded

Restraining impulsivity

Taking a position when the situation warrants it

Being sensitive to others' feelings and level of knowledge

#### Costa and Kalick Habits of Mind

Persisting

Managing impulsivity

Listening with understanding and empathy

Thinking flexibly

Thinking about thinking (metacognition)

Striving for accuracy

Questioning and posing problems

Applying past knowledge to new situations

Gathering data through all senses

Creating, imagining, innovating

Responding with wonderment and awe

Taking responsible risks

Finding humor