

G/T Curriculum Overview Elementary (K-5)

Grades K-2

Critical Thinking

Brain Storming
Attributes
Patterns
Logic
Analogies
Order Thinking Skills

Literature

Advanced Language
Analytical Thinking
Perception
Sense of Humor
Sensitivity
Accelerated Learning

Research

Fact Finding
Comparing
Presenting
Technology

Creative Thinking

FFOE
SCAMPER
Brainstorming

Affective Domain

Self-Concept
Relationships with Others

Problem Solving

Critical
Creative

Grades 3-5

Critical Thinking

Decision Making (Cort Thinking)
Divergent/Convergent Thinking
Inductive/Deductive Reasoning
Analysis
Synthesis
Evaluation
Socratic Dialogue
Brain Storming
Philosophy
Inferential Thinking
Predicting
Socratic Dialogue

Vocabulary

Antonyms/Synonyms
Direct Comparison
Synectics (Personal & Symbolic)
Latin

Problem Solving

Critical and Creative

Literature

Novels
Internet
Short Stories

Affective Domain

Social Cooperation
Self-Realization

Computer Technology

Word Processing, Multi-Media,

Creative Thinking

FEOE

Cognitive: Frequency, Flexibility,
Originality, Elaboration

Affective: Risk Taking, Curiosity

Imagination

Correlation

SCAMPER

Synectics

Brainstorming / Prediction

Systems Thinking

System Dynamics

Balancing Loops

Visual Perception

Reinforcing Loops

Feedback Loops

System Archetypes

Fixes that Fail

Limits to Success

Unintended Consequences

Systems Analysis

Research

Locational Skills

Formal Skills

Methods: Historical, Developmental, Case
and Field Study, Descriptive, Experimental,
Tolerance of Ambiguity, Observation, &

Logic

Grids

Self-Esteem/Self-Worth

Attributes/Patterns/Sequences

Syllogisms

G/T Curriculum Overview English Secondary (6th - 12th)

6th Grade - Discovery of Language

- History of Language
 - Theories of origins, prefixes, suffixes, semantics
 - Major Novels: Beowulf, Canterbury Tales (excerpts),
Noah's Flood, Pyramus and Thisby
- Humor in Language
 - Study of puns, idioms, malapropisms, irony, & parody
 - Includes researching word origins and vocabulary skills
- Mythology
 - Greek/Roman/World
 - Similarities/differences
 - Literary allusions
- The Adventures of Huckleberry Finn
 - Picaresque literature, plot analysis, character study, setting,
 - Reference to Odyssey, dialect, social issues
- Elements of the Short Story through Mystery
 - Critical thinking skills which include deductive reasoning,
analysis, synthesis, and trigger mechanisms

7th Grade – Discovery of Community

- Mass Media/Propaganda
 - Journalistic style in news articles & editorials
 - Use of bias
 - Mythology in advertising
 - Propaganda techniques
 - Evaluation of local media
 - Propaganda as theme in short stories
- Animal Farm
 - Political satire, allegory, symbolism
 - Utopian/Distopian literature
 - Parallels with Russian history
- Poetry
 - Figures of speech
 - Reading and analysis of traditional poetry
 - Imagery, symbolism, mythological allusions
 - Poetry through contemporary music
- To Kill a Mockingbird
 - Character and plot analysis
 - Social themes
 - Dilemma resolutions
- Macbeth
 - Sources of the play
 - Background, language study, symbolism, dramatic structure, & supernatural influences
- Science Fiction/Fantasy
 - Study of genre using the novels Fahrenheit 451 and Wizard of Earthsea, along with various short stories

8th Grade – Discovery of Self

- The World at War
 - Holocaust research, review of propaganda, WWII background, self-discovery, & dilemma resolutions
 - Various readings available from the annotated bibliography
- Biography
 - In-dept research/reading on various historical and contemporary figures
 - Writing activities of correspondence between selected characters and futureography
 - Knowledge of biography genre
- Mythology/ The Odyssey
 - Epic poetry, world mythology
 - Concept of hero
 - Journey motif
- Pygmalion / My Fair Lady
 - Comparison of two treatments of the same story
 - Modern allusions
- A Separate Peace
 - Character and plot analysis
 - Theme, symbolism, sub-plot, and parallel structure
 - WWII setting
 - Adolescence
 - Symposium-independent selection, analysis, and
 - Presentation of novels
- The Tempest
 - Sources of the play
 - Review of Shakespeare and his times
 - Exploration, magic, Great Chain of Being, noble savage, Nature/nurture, and parallel themes

9th Grade: Organized by themes (The Creative Self and Fire & Ice: Our Opposing Forces), the ninth grade curriculum gives students experiences with higher-level thinking by asking them to synthesize ideas, create original compositions, and study the art of painting throughout the year. Vocabulary and the study of grammar are woven through the themes. A sampling of the major works studied is: Romeo and Juliet, A Tale of Two Cities, Oedipus Rex, The Alchemist, The Chosen, Hitchhiker's Guide to the Galaxy, and Sophia's World, Childhood's End.

10th Grade: Organized into semester themes (Behavior & Cultural Beliefs as Motivations and Consequence of Individual Motivations in Traditional Orderly Society), the tenth grade curriculum gives students college-level material and experiences in creating real-world products and performances. Vocabulary study is concentrated on the PSAT/SAT tests. Major works studied during this year are: Lord of the Flies, Les Miserables, The Inferno, My Name is Asher Lev, Much Ado About Nothing, Their Eyes Were Watching God, Things Fall Apart. A beginning study of philosophy occurs at this level. Students are asked to complete a cultural research project, and to present a teaching unit at an elementary school.

11th Grade: A study of American Literature is the basis of the eleventh grade curriculum. Students study American literature through the various regions of the country. Architecture is the humanities focus of this year. Major works studied this year are: The Great Gatsby, The Grapes of Wrath, The Joy Luck Club, The Sound and the Fury, The Things They Carried, Walden. Students study the art, music, and drama of each region of the country. Students are also prepared for the advanced placement exam in English. Major research studies are expected from students during this year.

12th Grade: A Seminar in World Ideas is taught as a freshman level college course. Students study literature from around the world and write compositions that are both argumentative and analytical in nature. This class is conducted as a seminar with the students facilitating the learning experience along with the teacher. This is a dual credit course and is a preparatory class for the advanced placement test in English. Major units of study are: Latin literature, Russian literature, Irish literature, existential literature, literature of women's studies, and the literature of war. Major novels: A Portrait of an Artist as a Young Man, Dubliners, Hamlet, A World of Ideas.

G/T Curriculum Overview Math (6th-10th)

6th Grade Pre-AP G/T 6th Grade Math

Primary Goal: Extend and refine mathematical and problem solving skills, with an emphasis on 6th and 7th grade TEKS related to the Exit Level TAKS Exam.

7th Grade Pre-AP G/T 7th Grade Math

Primary Goal: Extend and refine mathematical and problem solving skills, with a major emphasis on the concepts and skills needed for Algebra and Geometry along with the 7th and 8th grade TEKS related to the Exit Level TAKS Exam.

8th Grade Pre-AP G/T Algebra

Primary Goal: Extend and refine mathematical and problem solving skills, with a major emphasis on building a strong foundation for Algebra II and other advanced mathematical studies along with TEKS related to the Exit Level TAKS Exam.

9th Grade Pre-AP G/T Geometry

Primary Goal: To design and conduct mathematical investigations in Geometry that will develop geometric understanding, provide real-life connections, and enhance learning transfer to other areas of study. Special Emphasis is placed on TEKS related to the Exit Level TAKS Exam.

10th Grade Pre-AP G/T Algebra II