Gifted & Talented

Scope and Sequence

Program Description

Name Of The Program:	Fifth Grade Gifted & Talented
Link To The Program:	FIFTH GRADE G/T Studies
Summary Of The Program:	During the year, students will be exposed to the theme of "Impact". Students will learn factors such as discoveries, inventions, events, and people that can have an impact on individuals, communities, education, science, technology, and the vision of the future. Students will also explore "unintended consequences" of new inventions and technology. Students will also explore philosophers such as Thales to see how their impact early in societies still plays a role in how we teach, learn, and live. Students will also continue to build their thinking skills based on the P.E.T.S. curriculum.
Benefits Of The Program:	Students will benefit from the third grade program by understanding: • Both natural and man-made factors influence society • Some of these factors have "unintended consequences" • Philosophies have influenced society • Our personal philosophies impact have we perceive the world
Cross-Curricular Elements Of The Program:	• Math and Logic • Thinking Skills • Literature & Vocabulary • Social Studies • Science

	• STEMS/Products/Technology
Higher Level Thinking Skills Required:	• Convergent • Divergent • Visual-Spatial Thinking • Evaluative
Aspects Of The Program That Allow For Student Choice:	• Zoom Project

Monthly Scope & Sequence

September	• Math Benders: Mind Reader Card Trick • STEM Challenge: Walk through an index card (video) • Jumping to Conclusion • Timelines: How we track time • Philosopher: Thales (handout, handout)
October	• STEM Challenge: Use a stick to measure a flagpole. (handout) • Math Mind Bender • Scientist: Gregory Mendel (handout) • Genetics: Monster Genetics
November	• Science Experiment: Extract DNA from a strawberry • Socratic Dialogue: *Philosophy for Kids 40 Fun Questions That Make You Wonder About Everything* (reference paper) • Analogies: Thanksgiving (key)
December	• Philosopher: Pythagoras • Cooperative Problem Solving: Triple Math Analogies (handout, key) • Word Play: Lofty Language
January	• STEM Challenge: Snowball Structures • Lego Challenge: Create a book cover

February	• Zoom Project • 100th Day of School: 100 Day Equation Puzzle
March	• Zoom Project cont. • Hess Truck Challenge
April	• Zoom Project cont. • Surprise Endings: ASU Tribe of North America • Hands on Equations: Level III
May	• Zoom Project cont. • Mathematical Art Project: Modern Art Maths inspired Art by Ellsworth Kelly • Zoom Project presentation
June	• Think-a-Thon