Gifted & Talented

Scope and Sequence

Program Description

Name Of The Program:	Third Grade Grade Gifted & Talented
Link To The Program:	Third Grade G/T Studies
Summary Of The Program:	During the year, students will be exposed to the theme of "Systems". Students will gain an understanding that a system is something that is interconnected. A system cannot perform if all of the pieces are not present and working. Students will learn about both natural and man-made systems. Two systems which are explored are an electrical system as well as our nervous system. Students will also do a self-interest project within the framework of our year-long study of systems. 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: • Systems are interconnected • People, places, and events are also interconnected in a system. • Systems can be dynamic
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:	• Individual Circuit Game Board

Monthly Scope & Sequence

September	• Engineering: Lifesaver challenge • Circuit systems • Engineering: building a circuit • Math Trick: Mind-Reader
October	• Puns and Games: Mathematical Poetry • Math Trick: Human Calculator • Nervous System-Introduction
November	• Nervous System- Brain Games (CDB book by William Steig & Your 21st Century Brain by American Museum) • Puns & Games: Word Merge Puzzle • Nervous System: Parts of the Brain (video at 7.27:) Model of a Cerebral Cortex (Brain Notes)
December	• STEM Project: Electronic Quizboards • Cooperative Problem Solving: Making Rectangles
January	• Collaborative Logic: Number Match • Lego Challenge: Create a book cover
February	• Animal Classification Systems: Alien Animal Taxonomy • Logic Puzzles: Perplexors Puzzle book • Logic Puzzles: Letter Tower Puzzle (key)
March	• Socratic Dialogue: PMI • Hess Truck Challenge • Ocean Ecosystem-Introduction

April	• Ocean Layers: Create Ocean layers in a jar • Salt Water Density Experiment • Investigating Sea Level Rise: Climate Change • Introduction to Biomimicry
May	• Biomimicry-Ocean Animal Superpower and possible inventions • Hands on Equations: Level 1 • Team Logic: Arranging Counters
June	• Think-a-Thon