

SUMMER INSTITUTE FOR GIFTED AND TALENTED STUDENTS

2017 Elementary School Program

Students who attend the Summer Institute for Gifted/Talented Students 2017 will participate in three 75-minute classes. During each class, teachers will involve students in activities that challenge them and that allow them to interact with peers with similar abilities and interests. Some classes will include students of varying ages.

CLASS DESCRIPTIONS

SIMULATIONS

Students will participate in a variety of simulation activities that emphasize working in groups, decision-making, research, and presentation skills.

--First grade students will participate in *I've Got A Secret* simulation in which they will investigate clues, riddles, and puzzles to discover the identity of secret characters using logical reasoning, reading, and writing activities as they become successful detectives.

--Second grade students will participate in a *Caravans* simulation which emphasizes geographical studies. They will accept a millionaire's challenge to form caravans and scour the world to collect specified artifacts so they can be paid in gold pieces. They will face daily "fate cards" that can change their plans!

--Third grade students will participate in an *Odyssey* simulation in which they work to climb Mount Olympus. As they "climb the mountain," they will encounter the world of Greek heroes, heroines, gods, and goddesses. They will share their new knowledge through many products varying from cartoon strips to group presentations.

--Fourth grade students will participate in a *Gold Rush* simulation in which they form mining companies, select the quickest, safest route to gold fields while studying the history of gold rushes and practicing group decision-making skills.

MATH (Grades 1-4)

Students will develop their mathematical reasoning skills using unusual problem-solving situations, different types of logic problems, and the "playing" of strategic games (Math Pentathlon Games, specifically.)

SCIENCE (Grades 1-4)

Students will participate in a variety of exciting, hands-on science activities and experiences.

--First grade students will study flight, simple chemistry, and physical science topics.

--Second grade students will discover various "laws" of physical science by exploring topics including force, inertia, momentum, and motion.

--Third grade students will study "unseen" phenomena through the use of their senses, microscopes, and dissections.

--Fourth grade students will concentrate their efforts on the investigation of physics and chemistry.

CALDECOTT STORIES (Grades 1-2)

Discover the story behind the famous Caldecott award. Become involved with different Caldecott award-winning books as you read in a contest and write a variety of creative activities. Feast on a meal that you plan and prepare in the "Caldecott Cafe." Design a Jumanji board and much more.

CREATIVE WRITING (Grades 3-4)

This class is designed for those students whose minds are full of stories and other creative writing ideas and who are anxious for the opportunity to develop those ideas into written products. Students will work with the teacher and their peers to polish these products. Computers will be available to make the writing task easier.

SPANISH (Grades 1-4)

Students will explore the Spanish language and customs of Spanish-speaking countries while learning how to speak useful, everyday phrases. This class focuses on engaging, fun activities as these skills are being developed.

ART (Grades 1-4)

Students will have the opportunity to experience and create different two- and three- dimensional art projects working with various media.

DRAMA (Grades 3-4)

Students will have the opportunity to help create and perform their own dramatic work while developing the appropriate speaking and acting skills.

TECHNOLOGY EDCAMP (Grades 2-4)

This session focuses on developing an awareness of the latest technology and technological trends. Demonstrating real world skills, students will research a topic of their choice, then create and share a "professional" presentation (i.e., Animoto, Prezi, Haiku Deck, Google Presentation, Powtoon, etc.) to their peers.

MULTIMEDIA PROJECT CONSTRUCTION (Grades 3-4)

Students will learn about the exciting world of multimedia construction. They will build a variety of exciting interactive projects complete with graphics, text, sound, music and animation while developing computer literacy skills.