



S.T.R.E.T.C.H.



Stretching To REALIZE U - Enrichment Targeting Cognitive Heights

(an enrichment program designed to meet the needs of students identified as gifted in the areas of Superior Cognitive Ability in grades 4-6)

Core STRETCH Offerings (each eligible student will enroll in 1 of these):

Mathletics / Invention Convention Exploratory (GRADE 4 ONLY)

August – December 2017 - Mathletics

Students will engage in varied projects and simulations involving problem-solving, creative and critical-thinking, and logic and deductive reasoning. Introduction to various contests / competitions and games will also be explored during this initial course. Students will explore math topics to enrich and/or extend content taught in Math 4 and Advanced Math 4. Students will access a condensed version of the course and may enroll in a full-year version in the future.

January – May 2018 – Invention Convention

Invention Convention is not a science fair, but a STEAM-feeder program designed to expose students to multiple problem-solving methods and hone real-life skills that may lead to entrepreneurship, post-secondary study, and careers! The inventive curriculum, modeled after the US Patent & Trademark Office's Project XL, focuses upon: 1. Identifying a Problem, 2. Problem-Solving & Critical-Thinking Processes to Solve the Problem, 3. Developing the Invention Idea & Designing a Prototype of the Solution. Students will access a condensed version of the program and may choose to enroll in a full-year version after 4th grade.

Mathletics (August – May - GRADE 5 CHOICE ONLY)

Students will engage in varied projects and simulations involving problem-solving, creative and critical-thinking, and logic and deductive reasoning. Various contests / competitions and games will also be explored throughout this course. Students will explore math topics which enrich and/or extend content taught in grade level and/or Advanced level Math courses. Activities will foster inter-disciplinary application and deeper understanding of math concepts.

National Geographic Bee (August – May - GRADE 5 CHOICE ONLY)

The National Geographic Bee is an annual competition organized by the National Geographic Society, designed to inspire and reward students' curiosity about the world. Each year, thousands of schools across the United States participate in the National Geographic Bee, competing for college scholarships and the glory of being the National Geographic Bee Champion. This offering will engage students in a variety of topics associated with deep study of Continental, Oceanic, and World geography, as well as Biodiversity and Ecosystems which will best-prepare them for success on the National Geography Bee assessment.

Invention Convention (August – May – GRADES 5 OR 6 CHOICE ONLY)

Invention Convention is not a science fair, but a STEAM-feeder program designed to expose students to multiple problem-solving methods and hone real-life skills that may lead to entrepreneurship, post-secondary study, and careers! The inventive curriculum, modeled after the US Patent & Trademark Office's Project XL, focuses upon: 1. Identifying a Problem, 2. Problem-Solving & Critical-Thinking Processes to Solve the Problem, 3. Developing the Invention Idea & Designing a Prototype of the Solution. Just Think, Inc., a non-profit organization, sponsors regional / state competitions to celebrate student innovation.

Middle School Mock Trial (August – May - GRADE 6 CHOICE ONLY)

This program is offered through the Ohio Center for Law-Related Education (OCLRE), which also provides HS Mock Trial programming which simulates real court cases. Middle School Mock Trial cases are based on popular literature, written by teams of teachers and lawyers. Middle school students act as witnesses and attorneys to argue cases involving their favorite characters. The interdisciplinary program was designed with Ohio's New Learning Standards for Social Studies and ELA in mind. Students read and analyze witness statements from characters in the books and work collaboratively to develop arguments for both sides and develop strategies to question the witnesses.

Project History Alive (August – May - GRADE 6 CHOICE ONLY)

Students become local historians to bring history alive!!! Through this course, students will create digital stories based on the history of the Village of Chagrin Falls. Working in small groups, students will work to research the history of their chosen location or event with the help of local historians. Each group will create a storyboard and write the script for their digital story. Finished presentations will be featured throughout the community and be accessible to others via QR codes.

Once Per Week Offering (each S.T.R.E.T.C.H. student will be enrolled in these grade level-specific courses each year):

Finding Out (grade 4) - This course is designed to help cognitively gifted kids understand what it means to be gifted. Students will engage in a book study throughout the year and discuss various relevant topics which will address the social and emotional needs of gifted students in grade 4.

Secrets to Success (grade 5) - This course is designed to provide guidance to cognitively gifted student in navigating issues including bullying, school performance, perfectionism, friendships, and sibling rivalries. Students will engage in a book study throughout the year and discuss relevant topics which will address the social and emotional needs of gifted students, ages 8-12.

Gifted Teen Survival 101 (grade 6) – This course is designed to promote self-help for cognitively gifted students in dealing with issues relevant to secondary level students, including harnessing passions, examining social IQ, finding success in school, advocating for oneself in an appropriate and effective way, and college and career planning. Students will engage in a book study throughout the year which will address the social and emotional needs of students in grades 6-12.