



ACADEMIR PREPARATORY OF CHAMPIONSGATE

"Expect Excellence"

About Our School

Academir Preparatory of ChampionsGate (APC) is a tuition free public charter school that will serve students in kindergarten through 5th grade in the City of ChampionsGate. The mission of Academir Preparatory of ChampionsGate is to provide a challenging academic curriculum that encompasses a unique enriched math and science curriculum that focuses on Science, Technology, Engineering, and Mathematics (STEM) project-based learning program. Our goal is to develop students into critical thinkers by providing them with hands-on learning experiences that will enable all students to achieve academic success and become lifelong learners.

As a school of choice, APC believes its academic focus appeals to those students and parents interested in a well-rounded elementary school education, a challenging program focused on mathematics and science using innovative reform based instructional methods in a stimulating and nurturing environment that fosters maximum student achievement while promoting STEM education. Thus, allowing us to generate a large number of applicants who are interested in pursuing STEM based programs.

In our pursuit to offer a rigorous STEM based program Academir Preparatory of ChampionsGate is committed to successfully implement a highly effective, deliberate and intentional STEM practices. Our program encompasses the allocation of an extended school day to successfully implement STEM into the school's daily schedule. APC offers a weekly STEM Lab course, a daily 30-minute STEM Block, school-wide STEM Integration across the curriculum, extracurricular enrichments to support and enhance STEM learning beyond the classroom, participation in student competitions, showcases and establish community partnerships that support and enhance our STEM program. Our goal is to challenge today's digital learner

through the infusion of higher-order thinking skills, use of a standard-driven intentional STEM integration so that our student grows and excel into critical thinkers, increase science literacy and enabling the next generation of innovators.

STEM LAB

AcadeMir Preparatory of ChampionsGate offers a STEM Lab as a special area course through a science elective class. As with other disciplines, instruction in science at APC begins with inquiry in order to develop real world applications. Students in K-5th grade will have the opportunity to attend a weekly class that will allow them to experiment by providing real-life opportunities as they access Project Lead the Way Model (PLTW) Launch program. Students will go through the Engineering Design Process Model and the Structure and Function of the Design Process. Student will have an opportunity to go through 4 different modules throughout the year. Each PLTW Launch module engages students in cross-disciplinary activities that spark a lifelong love of learning and build knowledge and skills in areas including computer science, engineering, and biomedical science. In addition, each module empowers students to develop essential skills such as problem solving, critical and creative thinking, communication, collaboration, and technological literacy that goes far beyond the basic knowledge to meet the challenges of the 21-century global economy.

STEM BLOCK

At APC, students will receive daily STEM instruction designated to make core subjects like English Language Arts, Math and Science relevant for students, and at the same time, foster creativity, curiosity and a passion for problem solving. STEM is about using math and science to solve real-world challenges and problems. This applied, project-based way of teaching and learning allows students to understand and appreciate the relevancy of their work to their own lives and the world around them. Once they grasp core concepts, students are able to choose a problem and use their own creativity and curiosity to research, design, test and improve a viable solution.

ROBOTICS PROGRAM

APC will offer a rigorous robotics program after school three times a week. Robotics helps address our mission of providing our students a well-rounded education through academic rigor that emphasizes the demand for teaching science, technology, engineering and math in our school. As well as exemplifying technology directly by programming the robots, students also learn about science, engineering and math and get an understanding of how these subjects link together. This program will allow students to explore real-world scientific concepts through research, teamwork, construction, and imagination as students prepare for local and state competitions. The students in grades K-3rd will utilize Powered by Lego Education and 4-5th grade will utilize VEX IQ program.

ENRICHMENT PROGRAMS

APC will offer an extensive extra-curricular enrichment program that will spark the interests of students and parents, saving parents time and effort searching for these programs outside of the school. The co-curricular program will support the goal of developing the whole child; these programs encompass clubs, sports, enrichment's academies and before/aftercare Program. APC will offer Robotics Club, National Elementary Honor Society Club, Student Government, SECME Club, Science Club, Art Club, Chess Club, Safety Patrols, TV Production-Broadcasting, and Newspaper Club. We offer an array of enrichment and sports activities such as Music Classes, Art, Dance, Cheerleading, Volleyball, Basketball, Soccer, Gymnastics, Rollerblading and Taekwondo. Lastly, we will offer Academic Enrichment's to help maintain and enrich academic performance by offering Morning Homework Help, After-School Tutoring, F.A.S.T Enrichment Academy and Saturday Success Academy.