MIDDLE SCHOOL ADVISORY & STEM

Advisory / STEM Lit *with* Mrs. Davis
Advisory / STEM Math *with* Mr. Kuh
Advisory / STEM Science *with* Mr. Vincent

COURSE DESCRIPTION

Advisory/STEM is a flexible, project-based class designed to give students opportunities to explore their interests, build real-world skills, and take greater ownership of their learning. Students will participate in approximately **six-week STEM-focused projects or electives** connected to ELA, math, and science. Depending on the project they select, students may work with a different teacher and group of students throughout each project cycle. Projects will emphasize **hands-on learning, creativity, problem solving, collaboration, communication, and real-world applications** of academic skills. Throughout the year, students will have opportunities to explore different topics and work with different teachers while completing meaningful projects based on their interests. Students will be required to complete at least one project in each area—Lit, Math, and Science—during the school year, while having flexibility to choose projects that match their interests within each area.

COURSE EXPECTATIONS

Each class period will begin with a brief **Advisory home base check-in** with the student's assigned teacher. During this time, teachers will take attendance, students will update planners, hear announcements, check grades and assignments. Students will then transition to the Lit, Math, and Science classroom connected to their selected project.

Fridays will serve as flex & catch-up days. Rather than working on their current project, students will use this time to stay on top of their academic responsibilities. This may include completing missing or unfinished assignments, making up quizzes or tests, working on IXL or keyboarding skills, checking grades, organizing materials, or receiving additional help from teachers.

The goal of Advisory/STEM is to provide students with a balance of **academic support, organization, exploration, and engaging project-based learning** while helping them develop the independence and responsibility they will need throughout middle school and beyond. Points are given weekly for goal setting, enagement, elective projects, and weekly planner. Attendance matters. Students cannot make up attendance participation points.

STEM *Lit*

Students will apply reading, writing, research, and communication skills through creative, hands-on projects that connect literacy to real-world topics

STEM *Math*

Students will apply math skills through hands-on projects involving problem solving, designing, building, measuring, budgeting, analyzing data, and other real-world applications.

STEM *Science*

Students will explore science concepts through hands-on projects involving experiments, investigations, engineering challenges, problem solving, and real-world applications.

SIGNATURES

By signing below, I acknowledge that I have read and understand the Middle School Advisory & STEM classroom expectations, guidelines, and responsibilities. I agree to adhere to these standards and commit to upholding the academic and behavioral expectations.

Student Signature

Parent/Guardian Signature