

hands-on, student-centered learning. The VEX IQ Challenge fosters

student development of the teamwork, critical thinking, project management, and communication skills required to prepare them to become the next generation of innovators and problem solvers. The VEX IQ Challenge is aimed at grades 3 through 8 for teams of 6 to 8 students.

FIRST LEGO Explore gives early elementary school students and the 4th and 5th graders

create a Show Me poster that illustrates their journey of discovery and introduces their team. They also construct a motorized model of what they learned using LEGO elements. The challenge is aimed at grades 3 through 5. They also must design, build, and program a robot solution. They also must design,

robot using LEGO MINDSTORMS®, then compete on a table-top playing field. It all adds up to tons of fun while they learn to apply science, technology, engineering, and math concepts (STEM), plus a big dose of imagination, to solve a problem. The FIRST