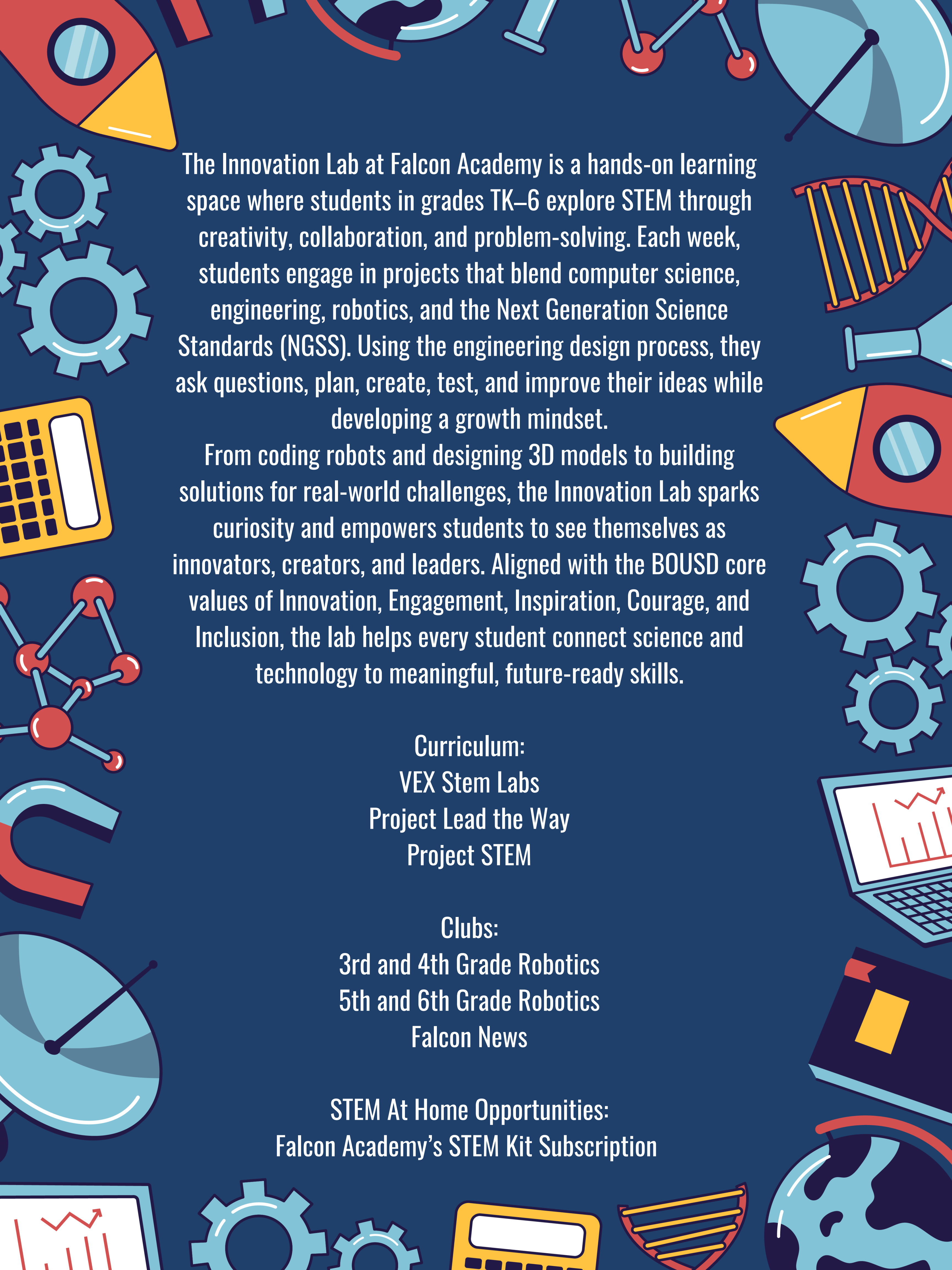




The Innovation Lab at Falcon Academy is a hands-on learning space where students in grades TK–6 explore STEM through creativity, collaboration, and problem-solving. Each week, students engage in projects that blend computer science, engineering, robotics, and the Next Generation Science Standards (NGSS). Using the engineering design process, they ask questions, plan, create, test, and improve their ideas while developing a growth mindset.

From coding robots and designing 3D models to building solutions for real-world challenges, the Innovation Lab sparks curiosity and empowers students to see themselves as innovators, creators, and leaders. Aligned with the BOUSD core values of Innovation, Engagement, Inspiration, Courage, and Inclusion, the lab helps every student connect science and technology to meaningful, future-ready skills.

Curriculum:

VEX Stem Labs
Project Lead the Way
Project STEM

Clubs:

3rd and 4th Grade Robotics
5th and 6th Grade Robotics
Falcon News

STEM At Home Opportunities:

Falcon Academy's STEM Kit Subscription