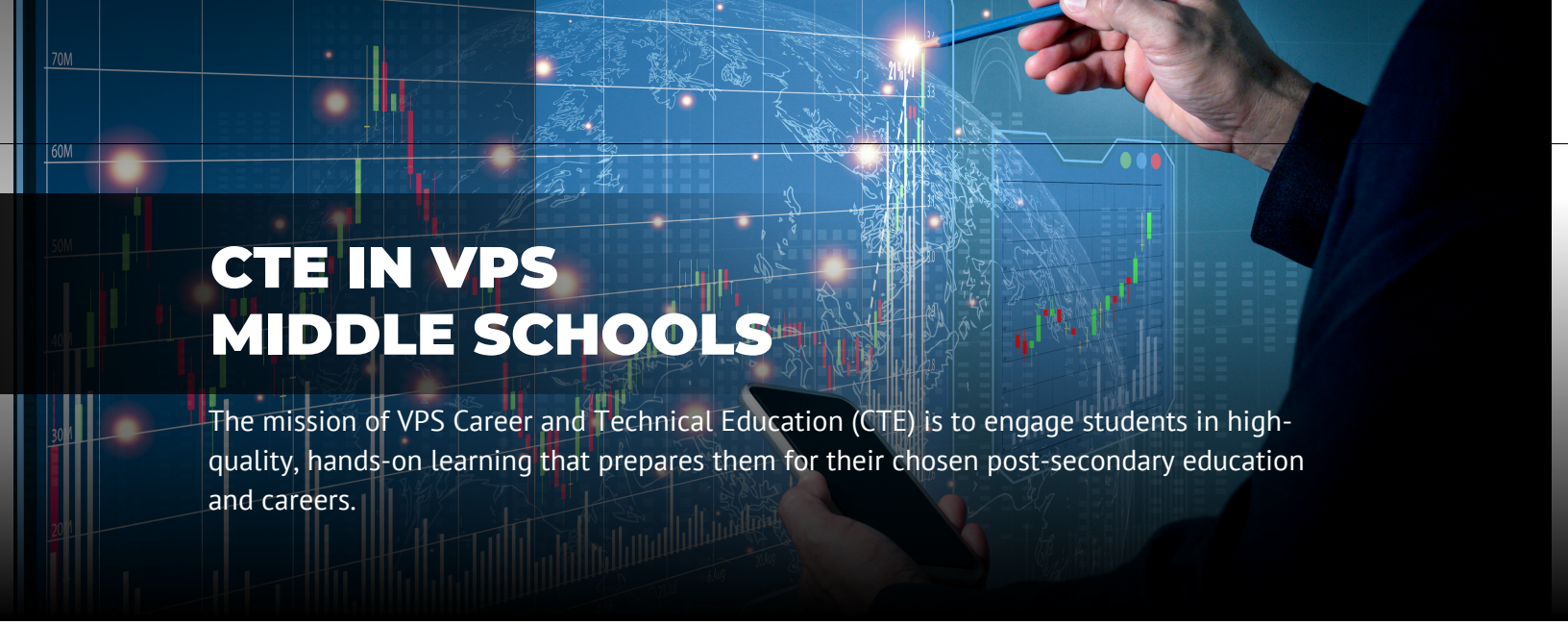

CTE IN VPS MIDDLE SCHOOLS

The mission of VPS Career and Technical Education (CTE) is to engage students in high-quality, hands-on learning that prepares them for their chosen post-secondary education and careers.

CTE & STEM Explorations

CTE and STEM explorations is a class that explores every graduation pathway that Career and Technical Education offers. Students will complete modules that encompass agriculture science, health sciences, business, marketing, computer science, family consumer science, digital arts, manufacturing, construction, and STEM.

ALKI, GAISER, DISCOVERY, JASON LEE, MCLOUGHLIN, THOMAS JEFFERSON

Video Tech

Students involved in Video Technology will learn basic skills using video cameras and related equipment. In addition, students will cover the more artistic side of film production including the different ways to frame shots using horizontal and vertical angles, as well as how subject size is used as a tool. Students will learn what it takes to be successful in the production of a video, from pre-production to post-production. All will learn professionalism and how to work as a group, as well as gain trouble-shooting skills that often accompany the making of a video.

GAISER, JASON LEE, THOMAS JEFFERSON

Coding

Introduction to Coding covers a basic introduction to the principles of programming, including algorithms and logic. Students engage in beginning hands-on programming tasks in Block Code, Java and Python programming languages as they write and test their own code using the approaches real programmers use in the field.

THOMAS JEFFERSON

Visual Art & Design

Explore art through different media that includes: digital photography, video and sound production, animation, graphic design, graphics, and desktop publishing. Learn new art forms and new ways to bring the digital art world to life by creating a web page, designing graphics, or creating an animated short film.

ALKI, GAISER

Automation & Robotics, 3D Design & Modeling

These two courses provide project-based learning—a hands-on approach for middle school students that relates technology to students' daily lives. They also promote communication and collaboration by emphasizing a teaming approach in the instructional units while offering students learning challenges at all ability levels. (Aligns with Project Lead The Way course "Gateway to Technology").

JASON LEE

VANCOUVER PUBLIC SCHOOLS VPS CTE

www.vansd.org/cte