



# Explore Career & Technical Courses in Middle School

## 6th Grade Elective Course



### Intro to Technology Applications

Learn basic technology skills & simple coding.

## 7th Grade Elective Courses



### Lifetime Nutrition & Wellness

Learn about food and nutrition, how to cook healthy meals and living a healthy lifestyle in this semester course.



### Personal Development & Relationships

Learn and practice the essential principles of personal development, decision-making, adulthood, leadership skills and the influences of families, peers, technology, and stress in this semester course.

## 7th and 8th Grade Elective Courses



### Digital Communications

Design, produce and create multimedia content, including campus communications and announcements.



### Fundamentals of Computer Science

Create interactive games & stories using Python coding. Code a microbit with sensors & lights.



### Principles of Applied Engineering

Develop engineering skills using sketching & 3D modeling. Solve problems using creative problem solving.



### Medical Terminology

Learn vocabulary & definitions of medical terms. Solve medical mysteries & investigate disease.



### Robotics 1

Design, build and test robots to solve a problem. Work in teams to code & construct VEX robots.



### Technology Applications

Learn Python coding, use digital tools to solve problems.

## 8th Grade Elective Courses



### Digital Art & Animation

Create computer images and animations with digital imaging software as well as traditional 2D art.



### Principles of Human Services

Engage in meaningful projects to learn about real-life skills necessary for a variety of careers that help people.



### LEAP (Leadership, Employability, and Professional Skills)

Focus on communication and transferrable skills for success in diverse workplace settings. Explore NISD Career & Technical Education Programs of Study, Advanced Academics and high school options to prepare Personal Graduation Plan. *\*This is a required elective for all 8th grade students and satisfies Speech for graduation.*

All courses - except Intro to Technology Applications and Technology Applications - are high school credit classes and counted in student's high school GPA.

**ASPIRE. ADVANCE. ACHIEVE.**