

NCMS Orientation to Career Clusters Progression

6th Grade – Orientation to Career & Technical Occupations and Career Planning (Introduction to Technology).

Students explore concepts of technology and how technology has developed throughout history, applying this information through project based learning and connecting it to career opportunities.

7th Grade/8th Grade – Orientation to Career Clusters (College and Career Readiness 1 – Paxton Labs)

Students learn about careers in varied fields with hands-on-minds-on learning with a mix of learning concepts then applying them in a practical manner. Labs covered in CCR1:

- Flight technology
- Introduction to Health Science Careers
- Hospitality & Tourism Management
- Introduction to Culinary Arts
- Introduction to Computer Science
- Robotics (VEX GO)
- Design & Marketing

8th Grade – Orientation to Career Clusters (College and Career Readiness 2 – Paxton Labs)

Students continue for a second year working on the Paxton Labs:

- Energy & Power
- Home Maintenance Fundamentals
- Veterinary Medicine
- Food Science**
- Robotics (VEX IQ)**
- CAD & Design
- Criminalistics
- Choice of: Digital Audio Production, Video Production, Computer Graphics and Game Development, Electricity & Electronics, Introduction to Child Development

** These units are not part of the Paxton Labs and are a unique curriculum designed especially for this class as an extension to what was learned in CCR1.