DoDEA Curriculum Content Standards

Professional Technical Studies (PTS)
Middle School Standards
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STRAND
PT-MS1 Career Development
Students use skills to plan career paths and pursue career opportunities

Standard: PT-MS1a
Students will conduct career research and evaluate career information so as to:

Components:

- PT-MS1a2 use a variety of resources to research career options;
- PT-MS1a3 identify the type of preparation, skills, and abilities required to gain entry-level employment in variety of career fields;
- PT-MS1a4 identify personal career interests;
- PT-MS1a5 explore how personal interests, hobbies, extra-curricular activities, volunteer work, and so on may be related to career fields;
- PT-MS1a6 apply knowledge gained from individual career research and interest assessments to form a career action plan;
- PT-MS1a7 explore reliability and dependability behaviors e.g., punctuality, attendance, completion of assignments, etc.; and
- PT-MS1a8 understand safety factors relevant to specific career fields including safety rules for school labs, resources, tools, and materials.

STRAND
PT-MS2 Arts, AV/Technology, and Communication
Students explore career fields that include creating, exhibiting, performing, and publishing multimedia content.

Standard: PT-MS2a
The student will explore career opportunities in audio and video technology and film;

Components:

- PT-MS2a1 research careers in audio and video technology and film;
- PT-MS2a2 use information technology to design, produce, exhibit, and publish multimedia content; and
- PT-MS2a3 edit audio and video production.

STRAND
PT-MS3 Business, Management, and Administration
Students explore career fields that include organizing, directing, and evaluating functions essential to productive business operations.

Standard: PT-MS3a
The student will explore career opportunities in business management and administration so as to:

Components:

- PT-MS3a1 research careers in business management and administration;
- PT-MS3a2 develop keyboarding accuracy and speed;
- PT-MS3a3 develop word processing skills;
- PT-MS3a4 use technology productivity tools e.g., spreadsheets, databases, etc.;
- PT-MS3a5 use technology communication tools e.g., presentations, desktop publishing, Web sites, etc.;
- PT-MS3a6 develop Internet skills including search strategies, Web site evaluation, and Internet safety;
PT-MS3a7 identify various business components necessary to start a business; and
PT-MS3a8 analyze business roles and responsibilities necessary to run a business.

STRAND
PT-MS4 Human Services
Students explore career fields that include providing for families and serving human needs.

Standard: PT-MS4a The student will explore career opportunities in family and human services, so as to:

Components: PT-MS4a1 research careers in family and human services; PT-MS4a2 explore life roles and responsibilities in family, career, and community; PT-MS4a3 explore nutrition and wellness concepts that influence individual, family, and community quality of life; PT-MS4a4 develop consumer awareness skills; and PT-MS4a5 perform basic food preparation steps.

STRAND
PT-MS5 Information Technology
Students explore career fields that include designing, supporting, and managing hardware, software, multimedia, and systems integration.

Standard: PT-MS5a The student will explore career opportunities in information technology so as to:

Components: PT-MS5a1 research careers in information technology; PT-MS5a2 learn concepts, skills and processes necessary to program/code/create a software application; PT-MS5a3 learn how to repair computers, install software, and troubleshoot technology devices; and PT-MS5a4 explore design elements and principals for a variety of graphics applications.

STRAND
PT-MS5 Science, Technology, Engineering, and Mathematics
Students explore career fields that include performing scientific research and professional technical services in science, technology, engineering, and mathematics.

Standard: PT-MS6a The student will explore career opportunities in science, technology, engineering, and mathematics, so as to:

Components: PT-MS6a1 research careers in science, technology, engineering, and mathematics; PT-MS6a2 define technology and the designed world; PT-MS6a3 understand the impact of technology on society; PT-MS6a4 apply problem-solving strategies to the design process in order to create potential solutions; and PT-MS6a5 understand electrical power including currents, circuits, energy sources, conversion methods, applications, and efficiency.