



The Center for Women &  
Information Technology

**YOU CAN BE ANYTHING**  
**Maryland State Department of Education Curriculum Alignment**  
**8th Grade Reading /Writing /Speaking (Maryland Voluntary State Curriculum)**

Standard - General Reading Comprehension: Students will use a variety of strategies to understand what they read (construct meaning)

**Indicator:** Apply and refine comprehension skills by selecting, reading, and analyzing a variety of print and electronic informational texts.

**Objectives:**

1. Read, use, and identify the characteristics of primary and secondary sources of academic information.

**Assessment Limit:** textbooks, trade books, reference and research materials, periodicals, editorials, speeches, interviews, commentary, non-print materials, online materials, other content-specific texts.

2. Read, use, and identify the characteristics of workplace and other real world documents.

**Assessment Limit:** job descriptions, forms, questionnaires, instructional and technical manuals, other workplace and real-world documents.

3. Select and read to gain information from personal interest materials, such as books, pamphlets, how-to manuals, magazines, and web sites and other online materials.

Standard – Students will compose effective expressive, informational, and persuasive writing.

**Indicator:** Writing to Inform

**Objectives:**

1. Produce a variety of informational writing, including
  - Short response/Essay Answer/Brief Constructed Responses that support an interpretation or evaluation of a text
  - Professional communications, such as letter/email of application, resume
  - Informational Essays/Research Reports, such as editorials, entertainment reviews, formal essays (introduction and thesis – body – conclusion)
2. Avoid plagiarism by crediting sources when paraphrasing, summarizing, and quoting.

Standard: Student will communicate effectively in a variety of situations with different audiences, purposes, and formats.

**Indicator:** Demonstrate appropriate organizational strategies and delivery techniques to plan for a variety of oral presentation purposes.

**Objectives:**

1. Refine a presentation using varied media
2. Uses a combination of organizational structures, such as narrative, cause and effect, chronological/sequence order, description, main idea with supporting details, problem/solution, question/answer, comparison and contrast, making appropriate transitions with a presentation

### **8th Grade Technical Education (Maryland Voluntary State Curriculum)**

Standard – Students will develop an understanding of the nature of technology

**Indicator:** Develop an understanding of the nature, characteristics and scope of technology.

**Objectives:**

1. Describe how and why people use technology to modify their natural environment and the impact of those modifications. (VSC Social Studies/Geography)
2. Explain that technology incorporates human knowledge into physical hardware that will eventually respond to some human need or desire.

Standard – Students will develop an understanding of the nature, characteristics and scope of technology.

**Indicator:** Understand, acquire, and use new vocabulary related to technology. (VSC Reading Processes/ Vocabulary)

**Objective:**

1. Compare various definitions of “technology.”