

# **MTL** **MSS** Maryland Technology Literacy Standards for Students

*Technology literacy is the ability of an individual, working independently and with others, to responsibly, appropriately, and effectively use technology tools to access, manage, integrate, evaluate, create, and communicate information*

## **Standard 1.0 – Technology Systems: Develop foundations in the understanding and uses of technology systems**

### **A. Systems**

1. Understand and demonstrate the uses of technology systems

## **Standard 2.0 – Digital Citizenship: Demonstrate an understanding of the history of technology and its impact on society, and practice ethical, legal, and responsible use of technology to assure safety**

### **A. Technology and Society**

1. Explain and evaluate how technology affects the individual and society

### **B. Legal and Ethical Issues**

1. Practice responsible and appropriate use of technology systems, software, and information
2. Demonstrate an understand of current legal standards
3. Understand current online safety standards

## **Standard 3.0 – Technology for Learning and Collaboration: Use a variety of technologies for learning and collaboration**

### **A. Learning**

1. Use, understand, and explain how technology enhances learning

### **B. Collaboration**

1. Select, use, and explain how technology tools encourages collaboration

### **C. Increase Productivity**

1. Select, use, and explain how technology tools increase productivity

## **Standard 4.0 – Technology for Communication and Expression: Use technology to communicate information and express ideas using various media formats**

### **A. Communication**

1. Select, use, and explain how technology is used for communication
2. Use and explain the purpose of different media formats

### **B. Expression**

1. Select, use, and explain how technology can be used to express ideas

## **Standard 5 – Technology for Information Use and Management: Use technology to locate, evaluate, gather, and organize information and data.**

### **A. Locate, Evaluate, and Gather Information/Data**

1. Select, use, and evaluate information resources available through technology

### **B. Organize Information/Data**

1. Select, use, and evaluate technology tools to organize information

## **Standard 6.0 – Technology for Problem-Solving and Decision-Making: Demonstrate ability to use technology and develop strategies to solve problems and make informed decisions**

### **A. Students use technology tools to:**

1. Collect information
2. Compare information from different sources
3. Analyze findings
4. Determine the need for additional information
5. Draw conclusions
6. Communicate conclusions, inferences, and ideas