Standards for Technological Literacy,  
created by the International Technology Education Association

The Nature of Technology  
Standard 1: Students will develop an understanding of the characteristics and scope of technology.  
Standard 2: Students will develop an understanding of the core concepts of technology.  
Standard 3: Students will develop an understanding of the relationships among technologies and the connections between technology and other fields of study.

Technology and Society  
Standard 4: Students will develop an understanding of the cultural, social, economic, and political effects of technology.  
Standard 5: Students will develop an understanding of the effects of technology on the environment.  
Standard 6: Students will develop an understanding of the role of society in the development and use of technology.  
Standard 7: Students will develop an understanding of the influence of technology on history.

Design  
Standard 8: Students will develop an understanding of the attributes of design.  
Standard 9: Students will develop an understanding of engineering design.  
Standard 10: Students will develop an understanding of the role of troubleshooting, research and development, invention and innovation, and experimentation in problem solving.

Abilities for a Technological World  
Standard 11: Students will develop abilities to apply the design process.  
Standard 12: Students will develop abilities to use and maintain technological products and systems.  
Standard 13: Students will develop abilities to assess the impact of products and systems.

The Designed World  
Standard 14: Students will develop an understanding of and be able to select and use medical technologies.  
Standard 15: Students will develop an understanding of and be able to select and use agricultural and related biotechnologies.  
Standard 16: Students will develop an understanding of and be able to select and use energy and power technologies.  
Standard 17: Students will develop an understanding of and be able to select and use information and communication technologies.  
Standard 18: Students will develop an understanding of and be able to select and use transportation technologies.  
Standard 19: Students will develop an understanding of and be able to select and use manufacturing technologies.  
Standard 20: Students will develop an understanding of and be able to select and use construction technologies.

from: http://www.iteaconnect.org/TAA/Publications/STL/STLListingPage.htm