Problem solving & designing strategies are similar

Chapters 4 & 5 Graphic Organizer

Design Technologies

* Sketch Up
* Simulation Software
* Games & Animations
* Scratch
* iStopMotion and Stagecase Creator
* Agent Sheets
* Composition Software
* Musical Sketch Pad

**Communicating with Technologies**

* **Discussion Boards**
* **VoiceThread**
* **Instant Messaging**
* **PowerPoint**
* **Google Presentations, SlideShare, Prezi**
* **Interactive Whiteboards**
* **Videoconferencing**
* **Podcasting**
* **Internet Radio**

**NSE Standards include ‘engineering design’ as a key topic that teachers will be encouraged to teach their students**

OTHER IMPORTANT INFORMATION:

* Communication Technologies are NOT meant to replace fact-to-face interactions
* Communication Tools can support learners in many ways
* Advances in technology have allowed consumers to be a part of creating process, not just users
* Alvin Toffler said it well, “The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn and relearn”

Dee Moore