Please note: These objectives may include, but are not limited to, the following topics.

**Browsers**

**Internet vs. Browsers vs. WWW**: Concepts about each, differences between each, uses of each

**Navigation**: Domains, hyperlinks, home page, back, forward, refresh, favorites/bookmarks, plugins, history, search, tabs, downloading/uploading

**Networking Concepts**

**Internet Connection**: Speed, wired, wireless, security, network types and features, capabilities, publicly switched networks, DNS, addressing, LAN vs. WAN, VPN

**Network troubleshooting**: Solve simple scenarios, identify common problems, define IP addressing

**Digital Communication**

**E-mail communication**: E-mail account settings, appropriate use of e-mail, managing e-mail communications

**Real-Time communication**: Text communication, audio visual communication, telepresence

**Digital Citizenship**

**Communication standards**: Spelling, all capitals vs. standard capitalization, verbal vs. written, professional vs. personal communication, spamming, flaming, bullying, libel, slander

**Legal and responsible use of computers**: Censorship, filtering, intellectual property, piracy, copyright use, licensing, creative commons

**Safe Computing**

**Secure online communication or activity**: Identity Protection, data protection, ergonomics, computer positioning, input device use, chairs, lighting, body posture

**Research Fluency**

**Using Search Engines**: Acquire knowledge, solve problems, evaluate search results, forums, ads, sponsored links, knowledge bases, validity of sources, articles

**Using advanced features of search engines**: Search types