🌐 Understanding the Internet - Lesson 2

◎ Objectives

- Understand how the internet works
- Learn browser functionality and customization
- Master advanced search techniques
- Develop productive browsing habits

🖧 How the Internet Works

Basic Architecture

🖳 Client-Server Model

When you type www.example.com, your computer (client) requests data from a server, which responds with the webpage.

🔒 Protocols

- HTTP/HTTPS for data transfer

- DNS translates domain names to IP addresses

⊠ Browsing Efficiently

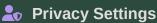## Browser Basics

⌨ Essential Shortcuts

- `Ctrl+T` New Tab
- `Ctrl+W` Close Tab
- `Ctrl+Shift+T` Reopen Closed Tab

Advanced Search Techniques

🔍 Search Operators

- Boolean: "web development AND best practices"
- Exact Match: "digital literacy course"
- Site Specific: site:edu "cybersecurity basics"

🛡 Security and Privacy

👤 Privacy Settings

- Use `Ctrl+Shift+N` for Incognito Mode
- Regular cookie and cache clearing
- Enable HTTPS-only mode

⬚ Hands-On Practice

1. Explore browser settings
2. Practice advanced search techniques
3. Set up bookmark organization
4. Install and configure essential extensions

▶▶ Next Steps

Next lesson: Online Communication and Productivity Tools