

**4<sup>th</sup> Grade Career Development**  
**Activity #11: Information Technology Careers**  
**Estimated time: 30-45 minutes**

**National Career Development Guidelines Indicators**

ED1 - Attain educational achievement and performance levels needed to reach your personal and career goals

- ED1.K7 - Recognize that your educational achievement and performance can lead to many workplace options
- ED1.K8 - Recognize that the ability to acquire and use information contributes to educational achievement and performance

ED2 - Participate in ongoing, lifelong learning experiences to enhance your ability to function effectively in a diverse and changing economy

- ED2.K3 - Recognize the importance of being an independent learner and taking responsibility for your learning

CM3 - Use accurate, current, and unbiased career information during career planning and management

- CM3.K2 - Recognize that career information includes occupational, education and training, employment, and economic information and that there is a range of career information resources available
- CM3.K4 - Identify several ways to classify occupations

CM4 - Master academic, occupational, and general employability skills in order to obtain, create, maintain, and/or advance your employment

- CM4.K4 - Recognize that many skills are transferable from one occupation to another

**Goal:**

Students will investigate careers in the **Information Technology** Career Cluster.

**Objectives:**

- Understand that a career cluster is a grouping of occupations based on commonalities
- Recognize that the **Information Technology** Career Cluster includes careers related to the design, development, support and management of hardware, software, multimedia, and systems integration services.
- Investigate careers in the **Information Technology** Career Cluster

**Materials:**

- 4<sup>th</sup> Grade Career Development Activity #11- **Information Technology Careers: Web Developers** handout
- Printed homepages of various school-appropriate websites
- Drawing materials
- Writing materials

**Activity:**

1. “Today we’re going to learn about occupations in the Information Technology Career Cluster. Does everyone remember what a Career Cluster is? **A career cluster is a grouping of occupations based on things they have in common.** Today we’re going to focus on the Information Technology Career Cluster.”
2. “The Information Technology Career Cluster includes careers related to the design, development, support and management of hardware, software, multimedia, and systems integration services. *Write this on the board.* “What is one of the main things that people use their computers for? Visiting and reading websites, right?” *Distribute the printed homepages of school-appropriate websites.* “Let’s list some different things that people go online for.” *Write students’ answers on the board. Some possible answers: reading the news, playing video games, checking email, getting information, learning new things, buying things.*
3. “The people who create the websites that people use to do all these things are called web developers.” *Write this on the board.* “What do you think web developers have to do before they put a website up for people to use?” *Write students’ answers on the board and discuss them.*
4. “Let’s have some fun today and pretend we are web developers.” *Distribute the **Information Technology Careers: Web Developers** handout and drawing materials to students. Explain the directions and answer any questions about the handout. Ensure they understand the directions. Allow time for students to complete the assignment. Walk around the room and offer assistance to students.*
5. *Once students have completed the handout, have them share their handouts and drawings*

**Evaluation:**

Students will be evaluated on their participation and on their handouts.

## Handout #1

### Information Technology Careers: Web Developers 4<sup>th</sup> Grade Career Development: Activity #11

Directions: Below is a blank browser. Develop an idea for a website that your friends and you would use. When you are done developing your idea, create the homepage below in the blank browser. Make sure you put your website name in the search bar.

