

# **Activities/ Resources for Outcomes**

## Let's Make an App!

### Directions:

Your goal in the next 15–20 minutes is to create a useful application that can be applied to everyday life. This application can be used on a computer, smart phone, in a car, etc.

### Steps:

- Brainstorm an idea for an app
- Create a name for your app
- Describe what the app does
- Decide where the app will be used (computer, phone, car)
- Determine how the information will be transmitted (phone, wireless, Bluetooth, etc.)
- Determine a target audience. Who would be most likely to use this app?
- Draw a picture of what this app looks like. What are some of the images people would see when using the app? What would the app look like in action?
- Be prepared to share your brand new app with the class. Your presentation should be 1–2 minutes.

## College Entrance Requirements Search

Name: \_\_\_\_\_

Directions: Using the following websites, look at each school and record the major entrance requirements on a separate sheet of paper. Staple papers together before handing in.

**1. Technical School:** ITT Technical Institute, Omaha, Nebraska

[www.itt-tech.edu](http://www.itt-tech.edu)

>Admissions >Admissions Information

**2. Community College:** Northeast Community College, Norfolk, Nebraska

[www.northeastcollege.com](http://www.northeastcollege.com)

>Future Students >Admissions

**3. 4-Year College:** Wayne State College, Wayne, Nebraska

[www.wsc.edu](http://www.wsc.edu)

>Prospective Students >Admissions >Prospective Students >Freshmen >Admissions Requirements

**4. University:** University of Nebraska at Lincoln

[www.unl.edu](http://www.unl.edu)

>Prospective Students >Undergraduate Admissions >Admission Requirements >Freshman

**5. School of your choice:** \_\_\_\_\_

Website: \_\_\_\_\_

Pathway to Entrance Requirements: \_\_\_\_\_

## Criteria for Information Technology Slides Project

Name: \_\_\_\_\_

Research and produce a slide presentation to teach your classmates about one pathway in Information Technology. Be prepared to write an evaluation paragraph describing your participation in the group.

Group Member Names (no more than four):

1. Information Technology Pathway (select one):
  - a. Information Support and Services
  - b. Interactive Media
  - c. Network Systems
  - d. Programming and Software Development
2. Slides to include:
  - a. Title of pathway and definition
  - b. Career specialties
  - c. Levels of education typical of this pathway
  - d. High school classes that support essential knowledge in this pathway and are required to enter a post-secondary school
  - e. School and community activities that build technology skills
  - f. Information technology skills needed by everyone in the workplace
  - g. Names of group members
3. Readable font & size
4. Sound with permission only
5. Appropriate animation
6. Appropriate graphics
7. Phrases only! No complete sentences.
8. Grammatically correct - use spell check

After the slide presentation has been presented to the class, write a paragraph telling about your participation within the group. Evaluate your group and identify the grade you feel the group deserves. Give two supporting statements that demonstrate the grade is fair.

Option: Have the students make a prediction about how the requirements for this occupation may change in the future.

## **IT Career Cluster Scavenger Hunt**

List and explain the different pathways or fields of study for the IT career cluster. Be sure to explain what employees in these pathways DO, not simply what type of job it is.

Job #1 Title with image

- What is the job description?
- What is the expected pay?
- What level of education or training is required?

Job #2 Title with image

- What is the job description?
- What is the expected pay?
- What level of education or training is required?

Job #3 title with image

- What is the job description?
- What is the expected pay?
- What level of education or training is required?