

Graphics and Animation Activity Guide

Objectives

In this unit, students will:

1. Describe how communications technology developed for computer graphics.
2. Describe how the parts of a computer system are used to create computer graphics.
3. Describe the design process as it relates to creating computer graphics.
4. Describe different uses of computer graphics within communications systems.
5. Complete assigned computer graphic jobs of flyer, brochure, business card, and animation using the design process.
6. Evaluate the effectiveness of examples of computer graphics drawing.

Day #	Activity #	Activity Description	Type of Activity
1	1	Design Process Sketch ideas for a sign/advertisement; save sketches for Activity 2, *see additional notes below	Project
1	2	Graphics Tablet Learn how to use the graphics tablet/pen; create a flyer using Microsoft Publisher	Project
2	1	Design Process Sketch ideas for a brochure	Project
2	2	Creating a Brochure Learn about columns, inserting graphics, font change, printing a brochure	Computer Program
3	1	Special Effects Learn interesting techniques for using text and special effects to make eye-catching headlines. Create a business card.	Computer Program
4	1	Creating an Animation Learn how to create an animation (clown) using 3D Choreographer	Computer Program
4	2	Designing an Animation Design an animation using computer program (actor)	Computer Program
5	1	Computer Graphics Explore the latest advancements in Computer Graphics. Write in journal.	Internet
5	2	Narrative Writing activity/on-screen multiple-choice test Describe an affective advertisement slogan/layout	Test
6	1	Design a Cartoon Choose a character, its action and settings for an animation (bee chase clown)	Computer Program
6	2	Animation Apply skills learned to create an even more complex animation. (Clown in circle)	Computer Program
7	1	Animation Create animation (Choice of characters and transportation)	Project
7	2	Animation Create animation (Camera pic of student's own head on dinosaur)	Project
8	1	Career Research Explore careers in computer graphics. Write in journal	Internet
9	1	Animation Festival Watch video that was created using computer generated animation. Present oral discussion to instructor.	Video
10	1	Design Brief	Project
10	2	Persuasive Writing activity/on-screen multiple-choice test Explain and defend the steps you used to solve the design brief	Test

- It is helpful for students to print often to spot design flaws.

Modified by Mae Thomas, Tech Lab Instructor

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