

# Graphic Design

Academic Representative



Technology Education Concepts

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## Description

In this popular curriculum, students explore the fundamentals of graphic design and learn how to apply them in order to manufacture real-world projects produced in industry today. A solid foundation in audience analysis, color theory, typography, and design principles are taught to the students as they work on challenging design projects. Lastly, students apply their new knowledge of graphic design by producing a T-shirt, hat, or mouse pad with the assistance of a computer, graphic design software, printer, and transfer press.

## Skills

- Create special effects with graphics software
- Operate a thermal transfer machine
- Create, edit, and manipulate text on the computer
- Modify clip art files to meet a specific need
- Draw basic shapes and objects on the computer

## Knowledge

- Basic layout techniques
- Color theory
- The uses and purposes of graphic design
- Graphics tools and commands

## Activities

- Activity 1 - Introduction
- Activity 2 - Basic Tools
- Activity 3 - Working With Graphics
- Activity 4 - Color
- Activity 5 - Text and Text Effects
- Activity 6 - Special Effects
- Activity 7 - Importing and Editing
- Activity 8 - Applications
- Activity 9 - Completing Your Design
- Activity 10 - Post-Test and Wrap-Up
- Activity 11 - Bonus Activities
- Activity 12 - Challenge
- Activity 13 - Open-Ended Challenge
- Activity 14 - Careers
- Activity 15 - Internet

## Standards

Math/Measure Problem Solving Reading

## Module Includes:

DEPCO Graphic Design Student Workbook, DEPCO Graphic Design Installation CD, CorelDRAW! Software, T-Shirt Transfer Press, Headphones (2)

## Requirements

This transfer process is only compatible with white garments. Any other garment color will show through the transfer.

Power considerations: the T-shirt press is rated at 12.5 AMP, and Hat press is rated at 4.5 AMP. A dedicated 20 AMP circuit should be considered.

Module requires a computer workstation and printer.

Computer, printer, and supplies are required and sold separately.

This T-shirt transfer is an inkjet process and not permanent like screen-printing. Special consideration must be taken when laundering and wearing these garments.