2020 Unit 8 Graphic Printing

Content Area: **21st Century Life & Careers**
Course(s): **Generic Course**
Time Period: **Generic Time Period**
Length: **Weeks**
Status: **Published**

Unit Introduction

This unit is designed to give students knowledge and experience with different forms of graphic printing. Safe use of all tools and equipment will be stressed throughout the whole process, as well as maintaining a clean and safe working environment. We will cover different printing methods from linoleum printing, creation of postcards and notepads, and into screenprinting, which can be used for signs and t-shirt designs.

Standards

9.3.12.AR.2	Analyze the importance of health, safety and environmental management systems, policies and procedures common in arts, audio/video technology and communications activities and facilities.
9.3.12.AR.3	Analyze the lifestyle implications and physical demands required in the arts, audio/visual technology and communications workplace.
9.3.12.AR-PRT.2	Demonstrate the production of various print, multimedia or digital media products.
12.9.3.ST-ET.3	Apply processes and concepts for the use of technological tools in STEM.
VIS.9-12.VA:Cr2.1.EU	Artists and designers experiment with forms, structures, materials, concepts, media, and art-making approaches.
VIS.9-12.VA:Cr2.2.EQ	How do artists and designers care for and maintain materials, tools, and equipment? Why is it important for safety and health to understand and follow correct procedures in handling materials, tools, and equipment? What responsibilities come with the freedom to create?
CAEP.9.2.12.C.1	Review career goals and determine steps necessary for attainment.
CAEP.9.2.12.C.2	Modify Personalized Student Learning Plans to support declared career goals.
CAEP.9.2.12.C.3	Identify transferable career skills and design alternate career plans.
TECH.8.2.12.D.CS2	Use and maintain technological products and systems.

Essential Questions

How do we maintain a safe working environment?

How does one understand the function and use of equipment and concepts as they apply to graphic arts?

How can one cultivate personal interest and appreciation of photography and Graphic Arts and strengthen consumer decisions?

Content / Skills

CONTENT

- Screen printing concepts
- Products and processes
- Screen printing process
- 3 color project process
- Registration
- Types of inks
- Printing surfaces
- Linoleum tools
- Linoleum cutting and printing
- Notepad design
- Notepad creation techniques
- Stamp design and creation
- Postcard design and creation

SKILLS

- Safe and correct use of a silkscreen
- Cutting Sta-sharp material
- Cutting stencil for t-shirt design
- Adhere stencils to screen
- Masking out for printing
- Registration and set-up for printing
- Printing on a T shirt
- Printing and cleaning up equipment
- Safe and correct use of linoleum cutting tools
- Design transfering to linoleum
- Making linoleum prints
- Postcard design and layout
- Printing milti-sided postcards
- Notepad design
- Safety of industrial paper cutter
- Measuring and cutting notepads to specific sizes