FUNDAMENTAL SKILLS

Resource ID #'s

Student Resource

Teacher Resource

Title: ____________________________________________________________________

Series Title (if applicable): ____________________________________________________________________

Senior 1 ☐  Senior 2 ☐  Senior 3 ☐  Senior 4 ☐

☐ Student Resource with accompanying Teacher’s Guide/Resource ☐ and/or ☐ Teacher’s Edition
☐ Student Reference
☐ Teacher Reference

Contains potentially sensitive content?  Yes ☐  No ☐

On the following form indicate in the boxes (√) the degree of curriculum fit and provide specific unit, chapter, or page reference.
### Prescribed Content Themes

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### Industrial Arts — Senior 1 to Senior 4

1: Fundamental Skills

#### General Learning Outcomes

**GLO 1.1 To communicate technical ideas and designs effectively and appropriately**

SLO S1 1.1.1 the use of several presentation programs using existing format to digitally communicate a technical idea

SLO S1 1.1.2 the interpretation of a graphic presentation of a technical idea

SLO S1 1.1.3 to recognize technical language and terms

SLO S1 1.1.4 the effective use of technical reading skills to follow a set of instruction steps

SLO S2 1.1.1 how to design a simple presentation using a presentation program to communicate a technical idea

SLO S2 1.1.2 how to adapt a graphical presentation of a technical idea

SLO S2 1.1.3 the use technical language and terms in correct context

SLO S2 1.1.4 how to adapt a set of instruction steps using appropriate technical writing skills

SLO S3 1.1.1 how to apply an advanced presentation program to effectively visually communicate a technical idea

SLO S3 1.1.2 how to create a graphic presentation of a technical idea

SLO S3 1.1.3 how to create a set of steps using correct technical writing techniques to effectively describe a technical process

SLO S4 1.1.1 how to apply an appropriate combination of digital, graphic, oral and written techniques to effectively communicate a technical idea

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Industrial Arts — Senior 1 to Senior 4

1: Fundamental Skills

General Learning Outcomes

GLO 1.2 To apply effective decision making, problem solving and design strategies to a project

SLO S1 1.2.1 an understanding of the problem solving process in designing and producing a product
SLO S1 1.2.2 how to identify criteria for making and evaluating choices
SLO S1 1.2.3 an understanding of the qualities of good design
SLO S2 1.2.1 how to identify problems and apply appropriate problem solving skills to solve it
SLO S2 1.2.2 how to apply decision making strategy to practical situations
SLO S2 1.2.3 how to modify an existing design to meet specified criteria
SLO S3 1.2.1 how to transfer problem solving skills to real life situations
SLO S3 1.2.2 how to use a variety of critical thinking skills to evaluate situations and make decisions
SLO S3 1.2.3 how to use create a design to a meet a set of specifications
SLO S4 1.2.1 how to research and articulate a problem that can be solved through technological means
SLO S4 1.2.2 how to apply problem solving and design skills to develop a technological solution to a problem
SLO S4 1.2.3 how to analyze critically and act logically to evaluate situations and make decisions

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#### General Learning Outcomes

**GLO 1.3 To effectively manage information**

- SLO S1 1.3.1 how to acquire and organize information using appropriate technology and information systems
- SLO S1 1.3.2 the appropriate use of information as directed
- SLO S2 1.3.1 how to apply specialized information and skills in real life situations
- SLO S2 1.3.2 how to access and use a range of relevant information, material and human resources with limited direction
- SLO S3 1.3.1 how to transfer and apply specialized information and skills in a variety of situations
- SLO S3 1.3.2 how to acquire and use a range of relevant information, material and human resources and recognize when additional resources are required
- SLO S4 1.3.1 how to acquire, analyze and apply specialized information and skills from various disciplines in a variety of realistic circumstances
- SLO S4 1.3.2 how to support and enhance basic information requirements by using a wide variety of information, material and human resources

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*Industrial Arts — Senior 1 to Senior 4 Curriculum Correlation Form*