

SUBJECT: Technology Education

STRAND: Design

PROGRAM GOAL: #1 To analyze attributes of design.

Skills and Sub skills	7	8	Intro to Tech	Comp. Applic.	Basic Const	Draft Archit	Basic WW	WW I	WW II	WW III	MN Stnd
.01 Input											
A. Statement of Problem							I	E	M	MM	
B. Statement of Goals							I	E	M	MM	
C. Solution Criteria							I	E	M	MM	
D. Data Gathering							I	E	M	MM	
.02 Design Process											
A. Brainstorming		I/E				M					
B. Sketch storming			I/E			M					
C. Rough Sketch		I	E			E	M				
D. Working Drawing (dimensions, line weight, scale, multi-view, detail)		I	E			E	E	E	M	MM	
E. Modeling/Prototype		I/E		I		E					
F. Feedback/Evaluation/Redesign			I			E	E	E	M	MM	

SUBJECT: Technology Education

STRAND: Communication

PROGRAM GOAL: #2 To apply various communication technology to exchange and find information quickly and reliably.

Skills and Sub skills	7	8	Intro to Tech	Comp. Applic.	Basic Const	Draft Archit	Basic WW	WW I	WW II	WW III	MN Stnd
.01 Internet				I							
.02 Web Pages				I/E							
.03 Location & Retrieval of Information			I	I/E							

F. Presentations (Powerpt, Multi-Media)		I		E/M							
.03 Computer Literacy											
A. Computer Operating Systems Windows (95, 98, 2000 xp)				I							
B. Disc formatting			I	I/E							
C. Program Applications (Note pad, text files, etc.				I							
D. Network OS				I							
E. LAN				I							
F. WAN				I							
G. RAM (Random access memory)				I							
H. ROM (Read only memory)				I							

SUBJECT: Technology Education

STRAND: Construction and Manufacturing

PROGRAM GOAL: #7 To use conventional and current tools, materials, and processes to create products.

Skills and Sub skills	7	8	Intro to Tech	Comp. Applic.	Basic Const	Draft Archit	Basic WW	WW I	WW II	WW III	MN Std
.01 Tools											
A. Scales	I/E	E	E		M	M	M	MM			
B. Power Hand Tools	I/E	E			M		E	M	MM	MM	
C. Bench Power Tools	I	E	E				E	M	MM	MM	
.02 Materials											
A. Wood (Hard, Soft, Plywood, Dimensional Lumber)	I	E			E		E	M	MM	MM	
B. Fastener (Mechanical, Chemical)	I	E			E		E	M	MM	MM	
C. Concrete Products (Cinder Block, Slab, Landscape)					I/E	I/E					
D. Exterior Products (Siding, Roofing)					I/E	I/E					
E. Electrical (Residential wiring)					I/E						
F. Plumbing (Water supply, Waste)					I						
.03 Process											
A. Construction (Platform framing, Pole barn, Alternative processes)					I/E						
B. Woodworking (Material removal, Joinery, Finish)	I	E					E	M	MM	MM	

C. Mass Production (Flow charts,
human resources)

I/E