

	August/September	October	November	December	January	February	March	April/May
Computers 7th	August/September	October	November	December	January	February	March	April/May
Content	Learn Touch Typing, Posture, Technique, Skill/Speed NETS 4,8	Internet, Power Point NETS 7,10, 5,8	Assessment Internet Quiz at end of unit.					
Writing Activities		Internet Worksheets, Personal Traits NETS 4,10						
Reading Activities	Assessment Technique Evaluation NETS 4,8							
Other Major Activities								
Computers 8th	August/September	October	November	December	January	February	March	April/May
Content	Learn Touch-Typing, Posture, technique, Skill/Speed Building, Identify Computer Parts NETS 1,4,8 NETS 1,9	Document Prod, Letters, Reports, Internet Skills NETS 4,5,6	Learn Excel, Learn Word NETS 4,5,6	Learn Power Point NETS 4,5,6,10	Learn Touch Typing NETS 1, 8	Internet Skills NETS 2, 3		
Writing Activities		Santa Letters, Comic Strips, Celebrity Letter, Thank You Note, Complaint Letter, internet Safety Report	Newsletter Graphing	12 days of Jr. High/ Internet Safety		Fill out worksheet		
Reading Activities	Read Text Book	Internet Safety Topics, Copyright, Ethics	Research Vacations	Different safety Issues		Read websites, Analyze info.		
Other Major Activities		Insert Graphics and manipulate		Insert sounds, visual appeal		Terminology searching skills		

	August/September	October	November	December	January	February	March	April/May
Introduction to Business 9-10								
Content	Intro to Global Economy, Choices, Econ, Systems, Factors of Production SS4, 1.10, 1.8, 3.1, MA3	Private Enterprise System, Entrepreneurship, Management CA6, 1.6, SS6, 1.10, SS4, 1.2, CA 1, 1.1	Employment Process, Accounting Concepts, Production and Operations CA1, 4.8, CA3, 4.8, CA4, 2.6, CA6	Marketing Concepts, Entre, and Small Business, Business Plans SS4, 1.10, CA6, 1.10	Bus Ownership, Financing Business, Role of Govt in Business SS4, 1.10, SS6, CA6	Taxes, Govt Spending CA1, 1.8	Money and Banking, Federal Reserve and Monetary Policy CA3, 1.2, CA1, 1.8	International Business, Consumer Rights, Credit CA3, 1.2, CA1, 1.6, MA1, 1.7, CA3, 1.10
Writing Activities	Chapter objective sheets	Chapter Objective sheets, Entrepreneurial Profile, New Coke Paper	Chapter Objective Sheets, Hunting Handbook	Chapter objective sheets, Market Research Report, Franchise Report	Chapter Objective Sheets, Business Ownership Evaluations, Rockefeller vs. standard oil	Chapter objective sheets	Chapter objective sheets	Chapter objective sheets, getting a loan
Reading Activities	Soviet Union Worksheet, Interpreting Eco Indicators	Chap. 5 Internet Activity	Job Hunting Handbook, Era of Innovation		Historical Stocks, Reading Stock Pages, U.S. vs Microsoft	Budget Simulation	Borrowing from Financial institutions	Reading Contracts
Other Major Activities	Island Simulation, Scavenger Hunt, Battleship Chapter Reviews	Entre Aptitude Test, "In the Chips" game, Monopoly, Battleship and Jumbled Word Chapter Reviews	Era of Innovation, Group Project, Battleship Hangman, and Jumbled Word Chapter Reviews	Buying Factors, Battleship and Jumbled Words Chapter Review.	Figure sales volume, buying bonds, battleship and jumbled word clip reviews	Tax module, battleship and jumbled word clip reviews	checking simulation, battleship and jumbled word clip reviews	borrowing exam, battleship and jumbled word clip reviews

	August/September	October	November	December	January	February	March	April/May
Business Tech. I 10-12								
Content	Careers CA1, 1.10, CA3, 4.8, CA5, 1.2	Business Communication CA1, 2.2, 2.7, 2.1, CA5, 1.10	Business Equipment SC8, 3.6, MA1, 1.7, CA5, 1.5	Workplace Behaviors SS6, 2.3, HP2, 4.7, CA1, 2.3, SS6, 2.6	Spreadsheet/Database/desktop/web page design CA4, 1.8, MA1, 4.5, CA4, 1.8, CA5, 2.1	Internet CA6, 2.7, CA1, CA3, 1.7	Entrepreneurial Awareness SS4, 1.10	Business Simulation 3.3, 4.5
Writing Activities	Career Development Plan	Letters, Reports, Memos, Agendas, E-Mail		Exam				Exam
Reading Activities								
Other Major Activities				Multimedia Presentation and Work Trends Presentation	Video Database Project	Internet Research Project		

	August/September	October	November	December	January	February	March	April/May
Computer Aps I	August/September	October	November	December	January	February	March	April/May
Content	Word CA1, 1.2, 2.1, 2.7, 1.8	Excel CA1, 1.2, MA1, 1.8	Power Point CA1, 1.2, CA5, 2.1, 2.2	Intro to Internet CA1, 1.2, CA6				
Writing Activities	Exam	Exam	Exam	Web Evaluations, Scavenger Hunts, Final Exam				
Reading Activities	Microsoft Office 2003, Word Sections 1-4	Excel Sections 1-5	Power Point Sections 1-5	Handouts				
Other Major Activities	Letter writing, Performance Assessment	Spreadsheet project	Family vacation Project					
Computer Aps II	August/September	October	November	December	January	February	March	April/May
Content					Analyze desktop publishing process, Use templates in Word CA1, 2.1,	Create Internal bus. & personal documents CA4, 1.8	Multiple fold brochures CA1, 2.1	PowerPoint to create business presentation CA5, 2.1
Writing Activities					Doc Analysis Guide	Doc Analysis Guide	Doc Analysis Guide	Doc Analysis Guide
Reading Activities					Chapter Exercises and Assessments	Chapter Exercises and Assessments	Chapter Exercises and Assessments	Chapter Exercises and Assessments
Other Major Activities					Creative Activities Unit, Performance Assessment	Creative Activities Unit, Performance Assessment	Creative Activities Unit, Performance Assessment	Creative Activities Unit, Performance Assessment

	August/September	October	November	December	January	February	March	April/May
Desktop Publishing								
Content	Exploring the In Design Workplace, Working with Text, Setting up a Document, Working with Frames, Working with Color. Placing	Working with Transparency, Working with Tabs and tables, Making Books, Tables of Contents, and Indexes	Exploring Advanced Techniques	Incorporating all concepts learned into one final project				
Writing Activities				Final Exam				
Reading Activities	Adobe In Design CS2 Revealed, Lessons 1-7	Lessons 8-10	Lesson 11					
Other Major Activities	Marker board, Bookmarks, Business Cards, Magnets, Mouse Pad <i>CA1, CA5, 2.1, 2.2, SS6, 4.4, 2.7</i>	Candy wrapper project, Magazine Project, Calendar Project <i>FA1, 1.8, CA1, 2.1, 2.7, CA5</i>	Menu project, Ornament Project, Create a game project <i>CA5, 2.7</i>	Portfolio Project: Cruise Ship Mania <i>CA1, CA5, 2.1, 2.2, SS6, 4.4, 2.7, FA1, 1.8,</i>				

	August/September	October	November	December	January	February	March	April/May
Web Design								
Content					Creating a Front Page Web Site Using a Template, Adding a new web page to a web site, Customizing and Managing web pages and images,	using frames to display database results in web pages, using subsites, the database interface wizard and source control, customizing	Working with Dynamic Web Templates, Layers, and behaviors	Incorporate all concepts learned in one final project.
Writing Activities					Quizzes, Crossword puzzles, Who Wants to be a computer, Genius, Flashcards, Project Reinforcement	Quizes, Crossword Puzzles, Who Wants to be a Computer, Genius, Flash Cards, Project Reinforcement	Quizes, Crossword Puzzles, Who Wants to be a Computer, Genius, Flash Cards, Project Reinforcement	Final Exam
Reading Activities					Microsoft Office Front Page 2003, Comprehensive Concepts and Techniques Projects 1-4	Projects 5-7	Projects 8	Final Web page project
Other Major Activities					Web Site Evaluations <i>1.1, 2.1, 2.5, 2.7, 3.3, 3.4, 4.4</i>	Create a personal web site <i>1.1, 2.1, 2.5, 2.7, 3.3, 3.4, 4.4</i>	Create a business web site <i>1.1, 2.1, 2.5, 2.7, 3.3, 3.4, 4.4</i>	

	August/September	October	November	December	January	February	March	April/May
Personal Finance 10-12								
Content	Goals & Decision Making, Careers <i>1.4, 1.10, 3.5, 4.1, CA4, MA1, SS4, SS6</i>	Budgeting, Banking Services <i>1.2, 1.4, 1.10, CA1, CA3, MA1, SS4</i>	Saving & Investing, Consumer Credit <i>1.2, 1.4, 1.6, 1.7, 3.8, 4.3, MA1, CA1, CA3, SS4, SS6</i>	Consumer Skills, Insurance <i>1.2, 3.8, 4.2, 4.4, CA3</i>				
Writing Activities	Resume, Cover Letter, Job Analysis			Research Paper, Final Exam				

Reading Activities	Text	Text	Text	Text				
Other Major Activities	Career Portfolio Guest Speaker Personality Profiles	Budgeting For Life Activity, Guest Speakers from Bank, Federal Reserve Tour, Checking Account Simulation	Stock Market Simulation, Guest Speakers from bank or investment firm	Guest speaker from insurance agency				

Accounting I 10-12	August/September	October	November	December	January	February	March	April/May
Content	Accounting in a service business. CA4, MA3, 1.4, 1.8	Accounting in a service business. CA4, MA3, 1.4, 1.8	Accounting in a service business. CA4, MA3, 1.4, 1.8	Accounting in a merchandising business. CA4, MA3, 1.4, 1.8	Accounting in a merchandising business. CA4, MA3, 1.4, 1.8	Accounting in a merchandising business. CA4, MA3, 1.4, 1.8	Accounting in a corporation. CA4, MA3, 1.4, 1.8	Accounting in a corporation. CA4, MA3, 1.4, 1.8
Writing Activities	Ethics Lesson		Ethics Lesson	Ethics Lesson	Cases for Critical Thinking	Cases for Critical Thinking		Cases for Critical Thinking
Reading Activities	Text	Text	Text	Text	Text	Text	Text	Text
Other Major Activities	Guest Speaker on a Career as a CPA	Accounting Monopoly	Reinforcement Activity, Foreign Exchange Automated Simulation	Final Review Final Exam			Automated Simulation: Fitness Junction	Final Review, Final Exam

	August/September	October	November	December	January	February	March	April/May
Accounting II 11-12								
Content	Automated Accounting for a Service Business <i>MA3, MA4, 1.4, 1.8</i>	Automated Accounting for a Service Business <i>MA3, MA4, 1.4, 1.8</i>	Automated Accounting for a Merchandising Business <i>MA3, MA4, 1.4, 1.8</i>	Automated Accounting for a Merchandising Business <i>MA3, MA4, 1.4, 1.8</i>	Automated Accounting for a Corporation <i>MA3, MA4, 1.4, 1.8, 1.10</i>	Automated Accounting for a Corporation <i>MA3, MA4, 1.4, 1.8, 1.10</i>	Automated Accounting for a Corporation <i>MA3, MA4, 1.4, 1.8</i>	Budgetary Accounting, Financial Statement Analysis <i>MA3, MA4, 1.4, 1.8</i>
Writing Activities	Applying Technology Skills	Applying Technology Skills	Applying Technology Skills	Applying Technology Skills	Applying Technology Skills	Applying Technology Skills	Applying Technology Skills	
Reading Activities	Ethics Cases Accounting Careers in Depth	Ethics Cases Accounting Careers in Depth	Ethics Cases Accounting Careers in Depth	Ethics Cases Accounting Careers in Depth	Ethics Cases Accounting Careers in Depth	Ethics Cases Accounting Careers in Depth	Ethics Cases Accounting Careers in Depth	
Other Major Activities				Final Exam	Automated Simulation	Automated Simulation		Final Exam

	August/September	October	November	December	January	February	March	April/May
Cabinet 11-12	August/September	October	November	December	January	February	March	April/May
Content	School/Community issues and concerns SS1, 4.3	Stress Management/Time Management CA6, 4.6, 3.4, 3.3, 3.2, 2.1	Leadership Styles SS6, 4.3	Goal Setting CA6, 4.6, 3.4, 3.3, 3.2, 2.1	Problems Solving CA6, 4.6, 3.4, 3.3, 3.2, 2.1	Group Dynamics SS6, 1.7, 2.3, 4.6	Team Building CA6, 4.6, 3.4, 3.3, 3.2, 2.1	Communication SS3, 2.2, 2.3, 2.1
Writing Activities	Agendas			Final Exam				Final Exam

Reading Activities						Leadership Book		
Other Major Activities	Planning Homecoming	Homecoming preparation cont.		Rally Day Preparation	Rally Day Preparation Cont.		Memories Assembly Preparation	Memories Assembly Preparation

	August/September	October	November	December	January	February	March	April/May
SBE 12								
Content	Job Expectations CA1, 4.8, 2.6	Working SS1, 2.6, CA5, 2.6, SS6, 4.3, 2.3, CA1, 1.10, 2.6, 3.3, 1.8, 2.2, 4.1, 4.6, 4.7, 4.8, 1.6, 2.1, 2.3, 3.4, 3.7, 4.4	Working SS1, 2.6, CA5, 2.6, SS6, 4.3, 2.3, CA1, 1.10, 2.6, 3.3, 1.8, 2.2, 4.1, 4.6, 4.7, 4.8, 1.6, 2.1, 2.3, 3.4, 3.7, 4.4	Working SS1, 2.6, CA5, 2.6, SS6, 4.3, 2.3, CA1, 1.10, 2.6, 3.3, 1.8, 2.2, 4.1, 4.6, 4.7, 4.8, 1.6, 2.1, 2.3, 3.4, 3.7, 4.4	Working SS1, 2.6, CA5, 2.6, SS6, 4.3, 2.3, CA1, 1.10, 2.6, 3.3, 1.8, 2.2, 4.1, 4.6, 4.7, 4.8, 1.6, 2.1, 2.3, 3.4, 3.7, 4.4	Working SS1, 2.6, CA5, 2.6, SS6, 4.3, 2.3, CA1, 1.10, 2.6, 3.3, 1.8, 2.2, 4.1, 4.6, 4.7, 4.8, 1.6, 2.1, 2.3, 3.4, 3.7, 4.4	Working SS1, 2.6, CA5, 2.6, SS6, 4.3, 2.3, CA1, 1.10, 2.6, 3.3, 1.8, 2.2, 4.1, 4.6, 4.7, 4.8, 1.6, 2.1, 2.3, 3.4, 3.7, 4.4	Working SS1, 2.6, CA5, 2.6, SS6, 4.3, 2.3, CA1, 1.10, 2.6, 3.3, 1.8, 2.2, 4.1, 4.6, 4.7, 4.8, 1.6, 2.1, 2.3, 3.4, 3.7, 4.4
Writing Activities	Resume, Cover Letter,			Final Exam				Final Exam

Reading Activities	Work place behaviors							
Other Major Activities	Interview, Payroll,	Job Evaluation	Job Evaluation		Job Evaluation	Job Evaluation	Job Evaluation	Job Evaluation

Mentoring 11-12								
Semester 1	August/September	October	November	December				
Content	One week training over mentoring skills, Mentoring in classroom <i>CA6, MA1, 1.10, 3.2, 3.3</i>	Mentoring in classroom <i>3.2</i>	Mentoring in classroom <i>3.2</i>	Mentoring in classroom Final Exam Presentation <i>2.1</i>				
Writing Activities		Journal	Journal	Journal				
Reading Activities								
Other Major Activities		Teacher Observation	Teacher Observation					

	August/September	October	November	December	January	February	March	April/May
General Ind Tech 8th grade								
Content	Text Chapter 8 Drafting, Multi View Drawings, Pictorial Drawings, Measurement	Woodworking Processes, Shop Safety, Machine Safety, Safety Tests	Problem Solving, Project Construction, Lamination, Construct Bill of Materials					
Writing Activities	Answer Questions from Text	Answer Questions from Text note taking, Pass safety tests	Bill of Materials					
Reading Activities	Read Chapter 8, Read Drawings, Read Ruler	Wood Textbook, Reading Project Plans	Following a project Plan and Plan of Procedure					
Other Major Activities	Draw Orthographic Projection Problems, Draw Isometric Problems, Draw Oblique Problems, Measurement Problems	Machine Safety Demonstration	Project Fabrication, Problem Solving	Project Fabrication, Problem Solving				

Applied Tech												
Applied Tech	August/September	October	November	December/January	January Strand 2 & 8	February Strand 2 & 8	March Strand 5 & 8	April/May Strand 5 & 8				
Content	Computer software usage, Design, applications, processing software manipulation 3.3, 1.10	Computer software usage, Design, applications, processing software manipulation 3.3, 1.10	Computer software usage, Design, applications, processing software manipulation 3.3, 1.10	Computer software usage, Design, applications, processing software manipulation 3.3, 1.10	Computer software usage, Design, applications, processing software manipulation 3.3, 1.10	Computer software usage, Design, applications, processing software manipulation 3.3, 1.10	Career Exploration 3.3, 1.10	Design Presentation 3.3, 1.10				
Writing Activities	Biographics, Articles, Research Activities, Stories	Biographics, Articles, Research Activities, Stories	Biographics, Articles, Research Activities, Stories	Biographics, Articles, Research Activities, Stories	Research Processes	Research Processes	Research Processes	Research Processes				
Reading Activities	Internet Research	Internet Research	Internet Research	Internet Research	Internet	Internet	Internet	Internet				
Other Major Activities	Processes and Applications, Hands on Activities and Problem Solving, Video Production, Graphic Design, Digital Phogotrphy, Flight, CAD, CAM, Desktop Publishing, Individual Modules	Processes and Applications, Hands on Activities and Problem Solving, Video Production, Graphic Design, Digital Phogotrphy, Flight, CAD, CAM, Desktop Publishing, Individual Modules	Processes and Applications, Hands on Activities and Problem Solving, Video Production, Graphic Design, Digital Phogotrphy, Flight, CAD, CAM, Desktop Publishing, Individual Modules	Processes and Applications, Hands on Activities and Problem Solving, Video Production, Graphic Design, Digital Phogotrphy, Flight, CAD, CAM, Desktop Publishing, Individual Modules	Individual Projects, Formation of Career Exploration Project	Individual Projects, Formation of Career Exploration Project	Individual Projects, Formation of Career Exploration Project	Individual Projects, Formation of Career Exploration Project				

Advanced Applied Technology								
Advanced Applied Technology	August/September	October	November	December	January	February	March	April/May
Content	Computer Software usage, applications, processing software manipulation 3.3, 1.10	Computer Software usage, applications, processing software manipulation 3.3, 1.10	Computer Software usage, applications, processing software manipulation 3.3, 1.10	Computer Software usage, applications, processing software manipulation 3.3, 1.10	Computer Software usage, applications, processing software manipulation 3.3, 1.10	Computer Software usage, applications, processing software manipulation 3.3, 1.10	Computer Software usage, applications, processing software manipulation 3.3, 1.10	Computer Software usage, applications, processing software manipulation & Career Exploration 3.3, 1.10
Writing Activities	Biographies, Articles, Research Activities, Stories	Biographies, Articles, Research Activities, Stories	Biographies, Articles, Research Activities, Stories	Biographies, Articles, Research Activities, Stories	Biographies, Articles, Research Activities, Stories	Biographies, Articles, Research Activities, Stories	Biographies, Articles, Research Activities, Stories	Biographies, Articles, Research Activities, Stories
Reading Activities	Internet Research	Internet Research	Internet Research	Internet Research	Internet Research	Internet Research	Internet Research	Internet Research
Other Major Activities	Processes and Applications, Hands on Activities and Proclaiming Solving, Graphic Design, Digital Photography, Still Frame Animation, Web Page Design, Flash Animation,	Processes and Applications, Hands on Activities and Proclaiming Solving, Graphic Design, Digital Photography, Still Frame Animation, Web Page Design, Flash Animation,	Processes and Applications, Hands on Activities and Proclaiming Solving, Graphic Design, Digital Photography, Still Frame Animation, Web Page Design, Flash Animation,	Processes and Applications, Hands on Activities and Proclaiming Solving, Graphic Design, Digital Photography, Still Frame Animation, Web Page Design, Flash Animation,	Processes and Applications, Hands on Activities and Proclaiming Solving, Graphic Design, Digital Photography, Still Frame Animation, Web Page Design, Flash Animation, Video Production	Processes and Applications, Hands on Activities and Proclaiming Solving, Desktop Publishing, Still Frame Animation, Digital Photography, Career Exploration, Video Production	Processes and Applications, Hands on Activities and Proclaiming Solving, Desktop Publishing, Still Frame Animation, Digital Photography, Career Exploration, Video Production	Processes and Applications, Hands on Activities and Proclaiming Solving, Desktop Publishing, Still Frame Animation, Digital Photography, Career Exploration, Video Production

	August/September	October	November	December	January	February	March	April/May
Woodworking I								
Content	Safe Working Habits, Safe and Proper Use of Miter Saw, Planer, jointer, tables, general technology STL: 1-7, 10, 19	Squaring a board, Assembling parts, Wood finishing, General technology STL: 1-8, 10, 19	Project planning, Woodworking joints, Use of band saw, scroll saw, sanding machines, General Technology STL: 1-8, 10, 19	Use of Wood lathe STL: 1-8, 10, 19	Wood joints, Project planning, General Technology STL: 1-11, 19	Selecting and Identifying wood materials, General Technology STL: 1-7, 9-11, 19	Project Planning, Product Design, General Technology STL:1-8, 10, 11, 19	Project Planning Practice, General Technology STL: 1-7, 10, 11, 19
Writing Activities	Technology updates, daily entries in notebooks, taking notes	taking notes tech update entries	taking notes tech update entries	taking notes tech update entries	Technology Update Entries	Technology Update Entries	Technology Update Entries	Technology Update Entries
Reading Activities	Textbook research of machine use & safety tests	Following a project plan of procedures, Reading Drawings	Textbook research of wood joints	Following a project plan of procedure, semester test	Textbook Research on wood joints	Text research on materials	text research on design	Textbook research on careers in Technology
Other Major Activities	Students participate in demonstrations/discussion of machine and tool use and safety	fabricate a project mantle clock, problem solving	Fabricate Project wall shelf	Fabricate projects wall shelf, lathe project	fabricate a picture frame	fabricate a treasure box	fabricate a book/CD rack	student plan fabricate and evaluate a project

	August/September	October	November	December	January	February	March	April/May
Building Trades 11 & 12								
Content	Concrete and Framing 1.3, 3.3, 1.10	Framing and Roofing 1.3, 3.3, 1.10	Exterior Trim 1.3, 1.10	Brickwork and Masonry 1.3, 3.3, 1.10	Brickwork, Electrical rough-in 1.3, 3.3, 1.10	brickwork, plumbing rough-in insulation 1.3, 3.3, 1.10	insulation, plumbing rough-in sheetrock drywall 1.3, 3.3, 1.10	drywall finish woodwork 1.3, 3.3, 1.10
Writing Activities	Answer questions for unit tests	Answer questions for unit tests	Answer questions for unit tests	Semester Test				
Reading Activities	Read units in carpentry book and answer questions	Read tape, Read Blueprints, Read installation instructions before beginning exercise	Read tape, Read Blueprints, Read installation instructions before beginning exercise	Read tape, Read Blueprints, Read installation instructions before beginning exercise, Semester Test	read units in carpentry book, answer questions before beginning each exercise	read tape measure read blue prints, read instructions for installation		semester test, final test
Other Major Activities	Concrete footings and foundation, floor framing, wall framing	ceiling joists, rafters, roofing, flatwork on garage floor and porches	cedar trim and front porch, set windows and doors, utilities, water and sewer	Brick work	brick work and electrical rough-in	brick work and electrical rough-in	brick work and electrical rough-in	brick work and electrical rough-in

	August/September	October	November	December	January	February	March	April/May
Drafting 1	August/September	October	November	December	January	February	March	April/May
Content	Career exploration and Sketching 1.9, 1.2	Descriptive Geometry 1.4, 2.5, 3.2	Multiview Drawings 1.4, 2.5., 3.2	Dimensioning and Shop notes 1.4, 2.5, 3.2	Sectional Views and Auxiliary Views 1.4,2.5,3.2	Pictorial Drawing 1.4,2.5,3.2	Structural Engineering 1.4,2.5,3.2	Pattern Development, Architectural Drawing 1.4,2.5,3.2
Writing Activities	Lessons on careers and sketching techniques	Lessons on geometric construction	Lessons on the identification and layout of 3 view drawings	Lessons on correct procedures for dimensioning objects	Lessons on correct procedures for sectioning and creating auxiliary views	Lessons on correct procedures for creating a variety of pictorial drawings	Lessons on truss construction as applied to strength and stress	Lesson on correct procedures for creating pattern developments and working drawings, Lessons on house design and construction
Reading Activities	Read textbook reference material	Read textbook and use as reference in geometric drawings	Read textbook and use as reference in construction of orthographic projection drawings	Reading and use textbook as reference for the rules in dimensioning drawings	Reading and use textbook as reference for the construction of sectional and auxiliary views	Reading and use textbook as reference for the construction of isometric, oblique and perspective drawings	Use bridge builder software to design and test truss construction	Reading and use textbook as reference for the construction pattern developments and working drawings, Reading and use textbook as reference for the construction of a floor plan for a residential construction.
Other Major Activities	Write report on career associated with Drafting, complete sketching assignments	Complete drawings of a variety of geometric constructions	Complete a variety of orthographic projection drawings	Complete a variety of drawings and fully dimension in accordance to the dimensioning rules learned	Complete a variety of drawings demonstrating sectioning and auxiliary techniques	Complete a variety of pictorial drawings including isometric, oblique and perspective techniques	Complete a bridge design, construction and test bridge design using 3/32 basswood for construction	Complete a variety pattern developments, cut out and assemble constructions. Complete a working drawing of an object. Complete a floor plan with fixtures, and dimensions for a residential structure.

Drafting 2								
	August/September	October	November	December	January	February	March	April/May
Content	Career exploration and architectural history and styles. 1.9,1.2	Environmental design factors.1.2,2.5,3.2	Room planning for residential design plan 1.2,2.5,3.2	Room planning for residential design plan 1.2,2.5,3.2	Residential design plan elevation planning and drawing 1.2,2.5,3.2	Residential design plan elevation planning and drawing 1.2,2.5,3.2	Residential design plan electrical, plumbing and climate control plan 1.2,2.5,3.2	Residential design plan electrical, plumbing and climate control plan. Presentation drawing construction 1.2,2.5,3.2
Writing Activities	Lessons on careers, architectural history and styles.	Lessons on the identification and implementation of ecological and ergonomic techniques in residential construction.	Lessons on service, living, and sleeping area layout and design in residential design plan.	Lesson on service, living and sleeping area layout and design in residential design plan	Lessons on correct procedures creating elevations for residential design plan	Lessons on correct procedures creating elevations for residential design plan	Lessons on correct procedures creating electrical and plumbing plan	Lessons on correct procedures creating electrical and plumbing plan, Lessons on creating perspective presentation drawings for residential construction.
Reading Activities	Read textbook reference material on history and styling	Read textbook and research internet for environmentally safe products used in residential construction.	Read textbook and use for reference in designing floor plan for residential design plan	Read textbook and use for reference in designing floor plan for residential design plan	Reading and use textbook as reference for the specifications and construction elevations and roof construction	Reading and use textbook as reference for the specifications and construction elevations and roof construction	Reading and use textbook as reference for the specifications and construction elevations and roof construction	Reading and use textbook as reference for the specifications and construction elevations and roof construction. Reading and sue textbook as reference for the construction of perspective presentation drawings.
Other Major Activities	Write report on a career associated with building construction or architecture.	Identify products to incorporate into residential design plan.	Create floor plan layout for residential design plan.	Create floor plan layout for residential design plan.	Complete a foundation and elevation plans for residential design plan.	Complete a foundation and elevation plans for residential design plan.	Complete a foundation and elevating plans for residential design plan.	Complete a foundation and elevation plans for residential design plan. Complete a two-point perspective presentation drawing of floor plan design.

	August/September	October	November	December	January	February	March	April/May
Drafting 3								
Content	Career exploration and architectural history and styles 1.9, 1.2	Environmental design factors 1.2,2.5,3.2	Room planning for business design plans 1.2,2.5,3.2	Room planning for business design plans 1.2,2.5,3.2	Business design elevation planning and drawing 1.2,2.5,3.2	Business design elevation planning and drawing 1.2,2.5,3.2	Business design electrical and plumbing plan 1.2,2.5,3.2	Model construction of business design plan, Model construction of business design plan. 1.2,2.5, 3.2
Writing Activities	Lessons on careers, architectural history and styles	Lessons on identification and implementation of economical and ergonomic techniques in building design	Lessons on room design as it applies to business design	Lessons on room design as it applies to business design	Lessons on correct procedures creating elevations for business design constructions	Lessons on correct procedures creating elevations for business design constructions	Lessons on correct procedures creating electrical and plumbing plan	Lessons on scale architectural model construction
Reading Activities	Read textbook reference material on history and styling	Research internet for ideas to use in business design problems	Research internet for ideas to use in business design problems	Research internet for ideas to use in business design problems	Read textbook and use internet as reference for the specifications and construction elevations and roof construction	Read textbook and use internet as reference for the specifications and construction elevations and roof construction	Read textbook and use as reference for the specifications in developing electrical and plumbing plan for business design plan.	Use internet as resource for ideas in developing architectural model.
Other Major Activities	Create drawing of a variety of architectural components, explaining how each is used in design and construction	Create sketches of ideas for business design plan	Create floor plan layout for business design plan	Create floor plan layout for business design plan	Complete a foundation and elevation plans for business design plan	Complete a foundation and elevation plans for business design plan	Complete a foundation and elevation plans for business design plan	Create architectural scale model of business design plan



	August/September	October	November	December	January	February	March
Agriculture Science I							
Content	To understand history of the Marshfield FFA Chapter, Develop leadership skills understand how AG-ED/ FFA help develop leadership <i>B-1, 2, 3, 4, 5; A-1, 2; L-2</i>	To understand importance of animal industry, Explain how animal industry functions, meat/poultry product <i>6-1, 2, 3, 4, 7</i>	Start students in SAE record book. <i>C-1,2,3,4; D-1,3,4,5</i>		Understand reproduction process of animals, Predict genotypes, selection using genetic tools <i>E-12,3,4,5,6,7</i>		Understand basic concepts of animal nutrition <i>F-1,2,3,4,5</i>
Writing Activities	Lessons, local chapter history, how AG-ED FFA develop leadership, How FFA chapter operates, FFA creed, Parliamentary procedure	Lessons, Beef Cattle, Dairy, Horse, Poultry, Swine, Alternate Ag, Issues facing Animal agri.			Lesson, reproduction of animal A&B, Laws of inheritance, Genetics, Genetic selection, Reproductive technology		Lesson, Animal nutrition requirements, Nutrients and their functions, classifications of feed
Reading Activities	Read textbook to answer question, FFA Creed	Read textbooks and handouts to answer questions			Read textbook to answer question		Read textbooks to answer questions
Other Major Activities	Recite FFA conduct mock meeting	Dairy cattle evaluation, Horse Selection, Common Livestock Brand ID, Feeder Cattle grading, Grading broiler, ??? Conversion/Poultry, Egg grading			Predict genotype and phenotype using Punnett Square Method	Sire Selection, Dairy and Bee	Balance a ration for crude protein in feedstuffs

		August/September	October	November	December	January	February	March
Agriculture Management								
Content	Financial Statement Analysis, Profit and Loss State Analysis, Cash Flow Analysis, Loan Repayment Analysis			Diminishing Returns, Breckeven principle, Substitution, Time Valve, Index to Profitability	Principle	Supply-Demand Principle, Elasticity of supply-demand, cash markets, future markets, ag options		Application of Business management principles, Creation of a business plan, Analysis of a business plan
Writing Activities	Lessons on Fin State Prof & Loss Cash Flow Loan Repayment			Lessons on Diminishing Returns, Breakeven substitution, Time Valve, Index to Profitability		Lessons on Supply & Demand, Elasticity, Cash markets, Future Markets, Ag options		
Reading Activities	Textbooks, Handouts, Problems					Textbooks, Handouts, Articles, Evaluations		
Other Major Activities	Guided practice using the problem solving approach use of computer for Loan Repayment/cash flows/ PV-FU					Guided practice using the problem solving approach, use of computer for developing a business plan		

	August/September	October	November	December	January	February	March
Ag Science II							
Content	Weed, Legume ,tree ID Soil Formation, Soil Organic Matter, SAE Record Keeping	Soil color, Texture, Structure, Soil Moisture	Soil PH, chemical Fertilizers, Plant Parts/ Function Seed Germination	Photosynthesis/Respirat ion Plant Reproduction	SAE Summary Corn, Wheat, Soybean, Alfalfa production	Forage crops, Forage Analysis	Agronomy, Soils Nursery CDE
Writing Activities	ID Lessons 1&3 Soil Lessons 1&2 Receipt and Expense Entries	Soils Lessons 3&4	Soil Lessons 5-7 Plant Science 5,6 Lessons	Plant Science 7-10 Lessons	Field crops lessons 1,2,3,4 Receipt/Expense entries	Forage lessons 5-8	
Reading Activities	Text books Handouts, Booklets, Evaluations	Text books Handouts, Booklets, Evaluations	Text books Handouts, Booklets, Evaluations	Text books Handouts, Booklets, Evaluations	Textbooks, Handouts, Booklets Evaluations	Textbooks, Handouts, Booklets Evaluations	Forage lessons 5-8 Textbooks, Handouts, Booklets Evaluations
Other Major Activities	ID of Legumes, Trees, Weeds, Use of Munsell Color book Rock Types	Texturing of Soil	Crop Life Span, Crop Seed ID, Plant Part ID	Completion SAE, Financial Statements Cash Flow	SAE Profit /Loss Statement, Computer SAE Printout	Hay Evaluation Visual, Crop Seed Evaluation	Plant, Seed ID, Nursery PH ID Hay Evaluation, Soil Pit Evaluation, Seed Evaluation, Plant Disorders

Animal Science							
Animal Science	August/September	October	November	December	January	February	March
Content	To understand animal industry in the U.S. Advanced Livestock Production <i>C1, C2, C3, C4, C5, C6, C7, C8</i>	To understand animal industry in the U.S. Advanced Livestock Production <i>A1</i>	To understand consumer products produced from raw agriculture products. Food Science and Technology <i>B5, B6, B7, B8</i>	To understand animal reproduction and genetics. Animal Science <i>C1, C2, C3, C4, C5, C6, B1, B2, B3, B4, B5, B6</i>	To understand animal reproduction and genetics. Summarize SAE record book Animal Science <i>C1, C2, C3, C4, C5, C6, B1, B2, B3, B4, B5, B6</i>	To understand the importance of animal nutrition. Animal Science <i>A1, A2, A3, A4, A5, A6, A7, A8, A9</i>	Career Development Events. Meats, poultry, dairy, horse, and livestock.
Writing Activities	Lessons on Beef Industry, Horse Industry, Poultry Industry	Lessons on Sheep and goat industry, swine industry, alternative agriculture, issues in animal agriculture.	Lessons on animals contributions to human needs, red meat products, wool and mohair, milk and milk products.	Explain reproductive systems and hormones, understand growth and development effect on production, predict genotypes and phenotypes of given mating.	Lessons on lactation, mating systems of livestock, reproductive technologies used to advance genetic improvement.	Lessons on nutrients and their functions, ruminant and monogastric digestion, ration formulation	Hands-on activities in evaluation and identification. Taking notes and giving oral reasoned defending decision.
Reading Activities	Read text book to reach and answer questions	Read text book to reach and answer questions	Read text book to reach and answer questions	Read text book to reach and answer questions	Read text book to reach and answer questions	Read text book to reach and answer questions	Old CDE test materials and references several DVD's Slides and internet sites.
Other Major Activities	Video conception to feed yard, Identify pictures and characteristics of common breeds of livestock	Evaluate slides, pictures and DVD's of beef and dairy cattle, judge poultry and classify poultry products.	Identify 70 beef and pork retail cuts, calculate yield and quality grades of beef and lamb, complete multiple meats formulation problems.	Calculate genotypes and phenotypes using Punnett Square Method, calculate efficiency indexes, evaluate qualitative and quantitative traits.	Create mating system for mock herd of beef cattle, complete cash flow financial statement and profit and loss statement.	Classification of feed stuffs, formulate a ration to meet nutrient requirements.	Evaluation of animals and meat products, identification Written exams and oral reasons.

Ag Horticulture		January	February	March
Content		To understand structure of floristry industry and career opportunities in floristry. To explain post-harvest handling techniques required for plant material in a floristry operation. <i>Floristry A1, A2, B1, B2</i>	To understand mechanics of floral design. To be able to apply principles and elements of floral design. To understand the types and uses of floral arrangements and designs. <i>Floristry D1,D2, D3, D4, D5, E1, E2, F1, F2, F3, F5, F9</i>	To understand mechanics of floral design. To be able to apply principles and elements of floral design. To understand the types and uses of floral arrangements and designs. <i>Floristry D1,D2, D3, D4, D5, E1, E2, F1, F2, F3, F5, F9</i>
Writing Activities		Lessons on structure of floristry industry in Missouri, United States and the world, Career opportunities in floristry industry, Plant processes affect on shelf life, Techniques of processing cut plant materials, Care of potted plants	Lessons on floral tools usage and safety, Constructing bows, Wiring and taping floral products, Identify design shapes, Identify basic principles and elements of floral design, How floral designs are used, construct flowers to wear, Construct a bud vase, Construct a centerpiece, Construct a dish garden.	Lessons on floral tools usage and safety, Constructing bows, Wiring and taping floral products, Identify design shapes, Identify basic principles and elements of floral design, How floral designs are used, construct flowers to wear, Construct a bud vase, Construct a centerpiece, Construct a dish garden.
Reading Activities		Read text and student reference from IML and provided handouts to research and answer questions.	Read text and student reference from IML to research and answer questions.	Read text and student reference from IML to research and answer questions.

**Other
Major
Activities**

Students complete a career ladder of careers in floristry.	Identify approx. 100 common greenhouse and floral tools used in industry. Construct bows using #3, #9, #40 satin ribbon. Design color schemes for floral arrangements. Construct a corsage. Construct a centerpiece. Construct a bud vase. Construct a dish garden.	Identify approx. 100 common greenhouse and floral tools used in industry. Construct bows using #3, #9, #40 satin ribbon. Design color schemes for floral arrangements. Construct a corsage. Construct a centerpiece. Construct a bud vase. Construct a dish garden.
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Agriculture Shop 10-11							
	August/September	October	November	December	January	February	March
Content	Are Welding Safety, Arc Welding; Ag Science II L-1,2,3,5 SAE Recording Keeping: SAE D-4	Concrete Materials, Placing, Finishing, Curing, Reinforcing Ag Structures D-2,5,6	Electricity Measurement, Circuits, Conductors, Grounding, SEP and Connections: Ag Structures E-1,2,3,4,5,7,8	Internal Combustion Engine maintenance; Ag Power A-2, B-1, C-1,2, D-1 SAE Record Keeping SAE D-4	SAE Record Keeping SAE D-3,4,5,6 Oxy-Acetylene Ag Construction B-1,2,3	Tool ID, Conditioning: Ag Sci II N-1,3,4 Ag Buildings; Ag Structures C-4	Agriculture Mechanics CDE
Writing Activities	Shop safety tests, Arc welding lessons 1-5 Evaluations	Concrete lessons 1-6 Evaluations	Electricity lessons 1-7, Evaluations	Motor maintenance lessons 1-8 evaluations	Oxy-Acetylene evaluation. Close out of SAE record book (cash flow, financial statement, profit and loss)	AgBuilding lessons 1-3	Skill activities, concrete problems O-A problems, electricity problems
Reading Activities	Shop safety tests, Arc welding lessons 1-5 Evaluations	Textbook, Handouts and Evaluations	Textbooks, Handouts, Booklets and evaluations	Textbooks handouts and handouts	Oxy-acetylene reference handout	Reading a building plan	Machinery manuals, skill tests, knowledge tests, technical charts
Other Major Activities	Recording SAE summer receipts and expenses. Are welding stringer bead practice	Reading transit, concrete slides	Wiring diagrams, wiring boards, wiring switches, outlets	Engine parts ID, engine oil evaluation, reading hydrometer, reading micrometer.	Oxy-acetylene parts ID, O-A torch turn on and adjustment	Tool sharpening and identification. Rafter layout	O-A cutting, sweating copper, tool sharpening & ID, tractor part ID, Electric motors

	August/September	October	November	December	January	February	March
Ag Building and Construction							
Content	ARC Welding Safety. Metal Cutting Machine Operation. Welding, 6010 Ag Construction A-1,3,4 SAE Record Keeping; <i>SAE D-4</i>	ARC Welding with 6011, 7018; Ag Construction <i>A-4 a,b,c,d</i>	ARC Welding with 6011, 7018 ARC Welding with MIG, Metal Cutting Ag Construction <i>A-4 a,b,c,d 5 B-1,2,3,11</i>	Large Project Construction Layout, Metal Cutting, Ag Construction <i>F 1,6,7,8,9,10,11,14</i> SAE Record Keeping	SAE Record Keeping <i>SAE D-3,4,5,6</i>	Large Metal Project	Large Metal Project
Writing Activities	Record SAE Summer Receipts and Expenses: Shop Safety Tests			Record SAE Receipts and Expenses, Transfer Receipts & Expenses to Cash Flow	Close out of SAE record book (cash flow, financial statement, profit and loss)		
Reading Activities			Project Plans	Project Plans	Project Plans	Project Plans	Project Plans
Other Major Activities	Practice welding with 6010 electrode in flat, butt, lap fillet and vertical positions	Practice & test welds in the flat, butt, lap, fillet and vertical positions	Practice & test welds 6011, 7018. Tests welds with MIG using metal cold saw and metal shear.	Layout and cutting metal for large metal project.	Construction of large metal project	Construction of large metal project	Construction of large metal project



April/May

explain importance of
animal health pest
control *G-4, m-*
1,2,3,4,5,6

Lesson: cause of
disease, immunity,
common diseases,
insect life cycles,
beneficial/destructive
pest

Injection site for quality
assurance, Insect ID,
Insect collection



April/May



April/May

Turf grasses, shrubs,
ground cover, shade
trees, home landscapes


Landscaping Lessons 1-
6

Textbooks, Handouts,
Booklets Evaluations
Design Base, corner
window planting designs
4 month SAE
Summaries Evaluation
of landscape slides

April/May
Explain the importance of animal health. Animal Science <i>D1,D2,D3,D4,D5,D6,D7</i>
Lessons on infectious and non-infectious diseases, explain biological and pharmaceuticals use in treating animal disease, Disease prevention and treatment, External and internal parasites
Read text and provided handouts to research and answer questions.
Create a collection of animal pharmaceuticals including disease treated and type of administration.

April / May
<p>Floriculture Career Development Event. Plant Identification <i>Floristry B1, B2, Greenhouse Mgt A1-A2, B1-B3, C1-C3, D1-D5, E1-E2, F1-F3, G1-G2</i> / to understand important aspects of greenhouse business management. Summarize SAE records. <i>Greenhouse Mgt. G1, G2 Floristry N3, N4, N5, N6</i></p>
<p>Lessons on plant taxonomy, plant parts. Identifying characteristics. / Lessons on Developing a marketing plan for crops. SAE record financial statement, and profit and loss, and inventory</p>
<p>IML references old district and state test, locally produced test bank. Approximate 160 plant species and cut flowers. / IML student reference to research and answer questions.</p>

Practice plant identification in classroom. Practice identifying and controlling plant disorders. Practice written exams (hands-on activities). / Conduct a sale of plants in school greenhouse. Complete a summary of SAE records.



April/May

Plumbing: Ag Structures
F-4 Arc Welding Project;
Ag Science II *F-1,2Arc*
Welding Project; Ag
Construction *F-*
6,7,10,11 SAE Record
Keeping: *SAE D-3,4,5,6*

Woodwork, electric
motor and plumbing tool
box problem solving,
four month summary of
receipts and expenses.

same as above

Sweating copper tubing,
rafter layout stair layout
wall sill plate layout,
Construct a small metal
project using the arc
welder.



April/May

Large Metal Project,
SAE Record Keeping
SAE D-3,4,5,6 Ag
Construction *F-12*

Four month summary of
receipts & expenses

Project Plans

Construction of large
metal project Prepare
metal project for priming
and painting.