

**MIDDLE SCHOOL FAMILY AND CONSUMER SCIENCES LIFE CHOICES, TEEN CHALLENGES,
PERSONAL DEVELOPMENT, CAREER DISCOVERY AND M/J FACS EXPLORATORY WHEEL**

(SYNERGISTIC LAB)

New Construction

I. PROGRAM PHILOSOPHY

Family and Consumer Sciences is a dynamic field of study. The purpose of these programs are to assist students:

- In making informed decisions regarding their future academic and occupational goals.
- With the development of self-esteem, personal value system, self-discipline, and positive coping skills to deal with physical, emotional, intellectual and social changes in self and others.
- To enhance the quality of their lives by strengthening families.
- To use technology resources.

II. PROGRAM GOALS

Utilize technology to develop skills in foods/nutrition, clothing, money management, personal relationships and interior design.

- Utilize proper and safe procedures in laboratories
- Demonstrate computer literacy and application
- Demonstrate leadership and organizational skills
- Apply basic skills in language arts, mathematics, and science appropriate to life management curriculum.

III. PROGRAM ACTIVITIES

Instruction and learning activities are provided in module format for the areas of:

- Basic Sewing
- Breakfast Nutrition (2)
- Clothing Care
- Early Childhood
- Entrepreneurship: Child Care
- Fashion & Textiles
- Food Science
- Interior Design
- Life Skills
- Personal Finance
- Practical Skills
- Sewing Design
- Snack Nutrition (2)

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IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio:	1:24
Student Capacity per Period:	24
Total Number of Teachers:	1
Total Number of Aides:	NA (If applicable)
Grade Levels or Age Levels for Which Program is intended:	6, 7 and 8
Hours per Day Space Will Be Used:	6

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

The Synergistic Model is a concept in teaching Family and Consumer Sciences at the middle school level. It is considered the model for the 21st Century.

VI. SQUARE FOOTAGE CHANGES EXPLANATION THAT VARIES FROM APPROVED
FACILITIES LIST

All square footage for multipurpose lab will be needed to house the computerized Synergistic workstations.

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VIII. PROGRAM FURNITURE AND EQUIPMENT REQUEST FORM

*Shown on drawings

purchased and installed by contractor

Space or Area	Number of Items	Description of Furniture/Equipment Needed
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CLASSROOM LAB – SYNERGISTIC MODULES:

1	<u>Basic Sewing</u> Windows 2000 Computer Printer Sewing Machine
2	<u>Breakfast Nutrition</u> Windows 2000 Computer Sink Unit Microwave Oven Mini Refrigerator
1	<u>Clothing Care</u> Windows 2000 Computer Sink Unit Stack Washer/Dryer Unit
1	<u>Early Childhood</u> Windows 2000 Computer Printer
1	<u>Entrepreneurship: Child Care</u> Windows 2000 Computer Color Printer
1	<u>Fashion & Textiles</u> Windows 2000 Computer Color Printer
1	<u>Food Science</u> Windows 2000 Computer Printer
1	<u>Interior Design</u> Windows 2000 Computer Color Printer
1	<u>Life Skills</u> Windows 2000Computer
1	<u>Personal Finance</u> Windows 2000 Computer Color Printer

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CLASSROOM LAB – SYNERGISTIC MODULES: (continued)

1	<u>Practical Skills</u> Windows 2000 Computer
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CLASSROOM LAB – SYNERGISTIC MODULES (continued):

1	<u>Sewing & Design</u> Windows 2000 Computer Color Printer Sewing Machine
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2	<u>Snack Nutrition</u> Windows 2000 Computer Printer Sink Unit Mini Refrigerator
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CLASSROOM	*#15	Modular Workstations constructed by PRIDE
	30	Chairs (with casters) for Workstations
	1	Synergistic Communication System (amps, tape deck, speaker, and microphone)
	*30	Student Desks OR Tables and Chairs for 30
	*#1	Cubby Storage for 30 Book Bags
	*1	Teacher Computer Workstation and Chair
	*#1	Stackable Automatic Washer/Dryer Unit
	*#1	Quick Recovery Hot Water Heater, 120 Gallons
	*#1	Laundry Sink

TEACHER PLANNING	*1	Teacher Desk and Chair
	*#1	Open Bookshelves, Floor to Ceiling, adjustable shelves, 18 inches deep
	*#1	Storage Cabinet (66" H x 48" W x 24" D)
	*2	Four-Drawer File Cabinets with Locks

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KITCHENS (2)		
	*#2	Refrigerator/Freezers, 18 cubic feet with ice makers, frost free
	*#2	30" Freestanding Electric Ranges with Self-Cleaning Ovens
	*#2	Range Exhaust Hoods
	*#2	Garbage Disposals, Heavy Duty
	*#1	Mirrored Demo Counter (Portable/Casters)
	*#2	Double Sinks, Stainless Steel with Extra Deep Gooseneck Faucets
	*#2	Built-in Dishwashers

Synergistic-type cabinet workstations to be provided and installed by contractor. (Purchased through Synergistic System or constructed by PRIDE)

IX. SPECIAL CONSIDERATIONS

- Heating/Cooling/Ventilation

Dryer needs to be vented directly outside

Exhaust hood over ranges vented to outside.

- Plumbing

Hot and cold water in kitchen's double sinks

Hot and cold water for *washer

Quick recovery water heater

Provide hot and cold water, drain, plumbing for Synergistic Modules *sinks (4) (size determined by Synergistic supplier)

Hot and cold water at laundry sink

Hot and cold water for dishwashers

Cold water line to refrigerators for icemakers

Floor drain near washer

*Stackable washer/dryer and four sinks are included in Synergistic purchase price but can be "separated" out.

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IX. SPECIAL CONSIDERATIONS (continued)

- Communications

Synergistic Communication System

Synergistic Digital Message Board

- Electrical

Adequate 110 duplex wall outlets for small appliances being used simultaneously in kitchens (i.e., microwave ovens, blenders, electric can openers, electric skillets, mixers, etc.)

220 Outlet for water heater, ranges and clothes dryer

Electrical in ceiling for Synergistic Communication System

Electrical drops from ceiling for Synergistic Workstations located in center of classroom

110 Outlet for dishwashers, refrigerators, and garbage disposal

- Built-in Cabinetry

- A. Built-in work counter

- Teacher Planning

- Base cabinets (36" high x 24" deep x 6' long), with adjustable shelves under counter, above counter storage cabinet (24" high x 14" deep x 6' long).

- B. Built-in cabinets/shelving

- Kitchens

- Countertops and back splash must be one molded seamless unit to avoid water damage and to prevent cross contamination.

- Teacher Planning

- Open bookshelves, floor to ceiling, adjustable shelves, 18" deep
 - Storage Cabinet (66" high x 48" wide x 24" deep)

- C. Built-in Instructional Aids

- Classroom

- Cubby storage for 30 book bags.
 - ****PRIDE built workstations** (See Family and Consumer Sciences Supervisor for specifics).
 - AV Screen, 60" x 80" NTSC Format, mounted above Markerboard.
 - Markerboard 4 ft. x 8 ft.
 - Tackboard 4 ft. x 8 ft.

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IX. SPECIAL CONSIDERATIONS (continued)

- Other Considerations

All cabinet doors with latch closings (no magnets)

Faucet design at kitchen sinks should be deep enough for "gooseneck" so that excess water drains into sink and not hit back splash.

Back splash must be one molded seamless unit to avoid water damage and to prevent cross contamination.

Lab should be handicapped accessible