

ELEMENTARY SCHOOL PRIMARY AND INTERMEDIATE

New Construction

I. PROGRAM PHILOSOPHY

The primary program is viewed as part of the early childhood unit and incorporates developmentally appropriate practices into the curriculum. The intermediate program encompasses appropriate practices for that age group. The program provides a variety of learning experiences for students in all curricular areas including the academic subjects, physical development and an appreciation for the aesthetics.

II. PROGRAM GOALS

To provide students the opportunity to work individually and in small groups.

To provide students ready access to technology as tools for writing across the curriculum.

To provide the students with the opportunity to participate in large group interaction.

To provide the students with the opportunity to explore, to conjecture, to reason logically, as well as to use a variety of mathematical methods and technology effectively to solve problems.

To provide the students with the opportunity to read, write, speak, and listen.

To provide the opportunity for students to acquire knowledge of and appreciation of self, family, community, country, world, and culture.

To provide the students with the opportunity to use the scientific processes to acquire new knowledge.

To provide the opportunity for students to extend their knowledge and express themselves through the arts.

To provide the opportunity for students to be actively involved in the learning process with frequent movement to meet their developmental needs.

To prepare students to be thinkers, problem solvers, responsible, and self-directing.

To prepare students to be readers for information and enjoyment.

To prepare students to be writers for practical, academic, and creative purposes.

To prepare students to be lifelong learners.

III. PROGRAM ACTIVITIES

The elementary academic program activities include the following:

Student Activities - Students will engage in silent and oral reading, process writing and literature appreciation, small and large group discussions, and independent and group research. They will listen to tapes and other audio devices; view TV and other projected images, overhead projections, films and videotapes; work on projects, study maps, globes, charts, and use computers.

Teacher Activities - Teachers will plan, instruct, research, grade papers, develop tests and lesson plans, lead large and small group discussions, preview materials, and counsel.

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IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio:	1:18 (1-3) Class Size Reduction (CSR) 1:22 (4-5) (CSR)
Student Capacity per Period:	18 Primary for design, 108 per grade level 22 Intermediate for design, 110 per grade level
Total Number of Teachers:	18
Total Number of Aides:	1:13 teachers (If applicable)
Grade Levels or Age Levels for Which Program is intended:	1-3, 4-5
Hours per Day Space Will Be Used:	6

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

NA

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

NA

Melrose Elementary School Primary Classroom - New Construction

VII. PROGRAM FACILITIES LIST

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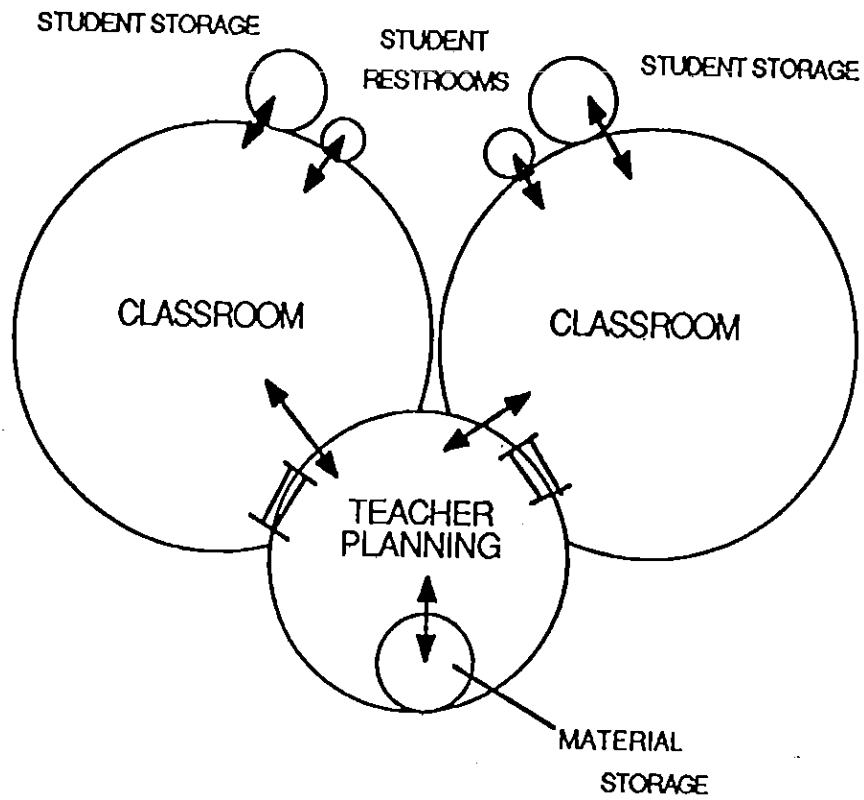
Melrose Elementary School Intermediate Classroom - New Construction

VII. PROGRAM FACILITIES LIST

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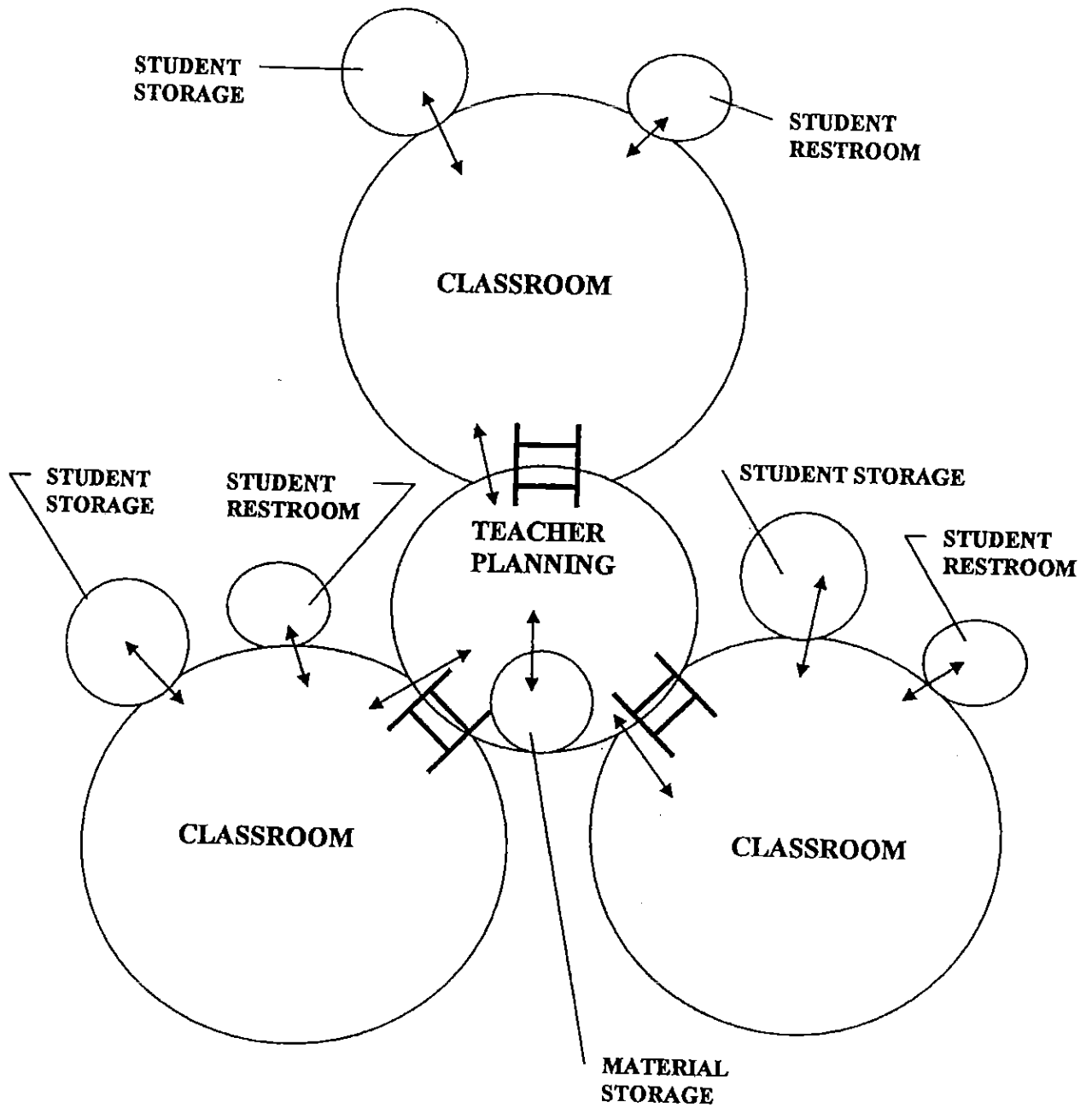
PRIMARY OR INTERMEDIATE

(TWO POD)



SPACE RELATIONSHIPS

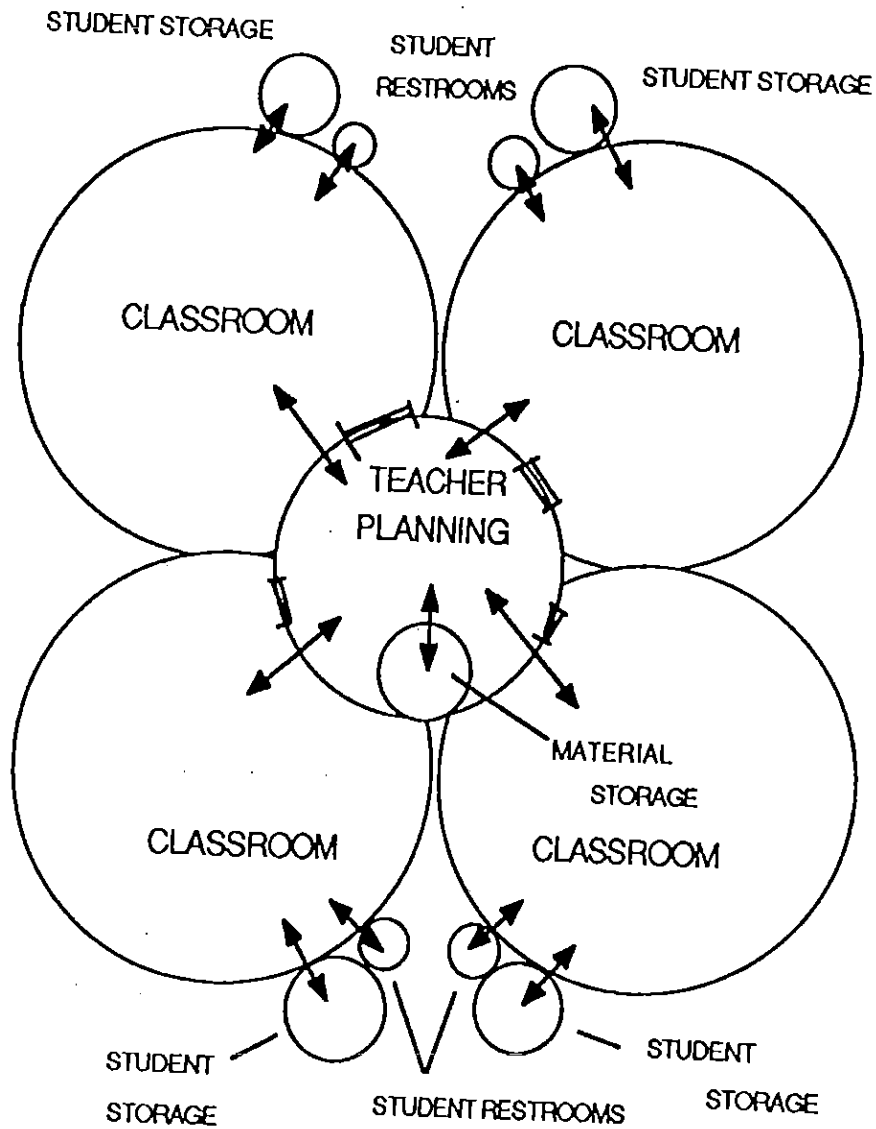
PRIMARY OR INTERMEDIATE (THREE CLASSROOM POD)



SPACE RELATIONSHIPS

PRIMARY OR INTERMEDIATE

(FOUR CLASSROOM POD).



ELEMENTARY SCHOOL PRIMARY AND INTERMEDIATE

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VIII. PROGRAM FURNITURE AND EQUIPMENT REQUEST FORM

*Shown on Plans

#purchased and Installed by Contractor

Space or Area Number of Items (Per Pod) Description of Furniture/Equipment Needed
Four-Teacher Units

Instructional Pod (4 teacher units) Primary and Intermediate

Prim. Interm.

*112 *132

*8 *8

*4 *4

40

85 60

4 80

*8 *8

*4 *4

*8 *8

4 4

4 4

4 4

4

4

4 4

4 4

4 1

*#4 *#4

*4 *4

4 4

4 4

1 1

4 4

8 8

8 8

1 1

4 4

4 4

*# *#

4

4 4

FURNITURE

Individual Student Tables with adjustable legs

Trapezoidal Tables with adjustable legs

Kidney Shaped Tables, 48" diameter,
w/adjustable legs

14" Stackable Chairs

16" Stackable Chairs

18" Stackable Chairs

Freestanding Storage Units, 48"W x 24"D x
30"H, with adjustable shelves with doors and
recessed hinges

Freestanding Shelving, 60"H x 12"D x 36"W,
with adjustable shelves

Freestanding Shelving, 40"H x 12"D x 36"W,
with adjustable shelves

File Cabinets, Four-Drawer, Steel, Suspension,
without Locks

Study Carrels, Two Place, Wet, with adjustable
legs

Computer Tables

Library Display Shelves

Big Book Display and Storage

EQUIPMENT

Document Cameras

Cassette Recorders

Record Players

All-in-One Smart Board (interactive white board)
Including an attached projector.

Sound enhancement equipment system
including amplifiers, speakers and microphones.

Video Recorders

Listening Centers

Projector Cart 42" H

Projector Carts 26" H

Wastebaskets

Wall Maps, Spring Roller, Assorted (U.S. and
World)

Map and Globe Cart (One Primary and One
Intermediate per school)

Pencil Sharpeners

Flags and Wall Holders

Paper Towel and Soap Dispensers should be
adjacent to all sink areas (must fit county bid
paper towels)

Easels

Computers

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New Construction

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Space or Area Number of Items (Per Pod) Description of Furniture/Equipment Needed

Four-Teacher Units (continued)

Teacher Preparation, Conference, Storage (per 4 member pod)

Prim. Interm.

*4 *4

8 8

*1 *1

*1 *1

4 4

1 1

FURNITURE

Teacher Stations with One Lockable Drawer

Adult Chairs

Rectangular Table, 30" x 60"

Wardrobe, 60"H x 48"W x 30"D with Key Lock
and Recessed Hinges

File Cabinets, Four-Drawer, Steel, Suspension

Step Stool, 15" High, with Ribbed Rubber Stair
Tread

EQUIPMENT

Pencil Sharpener

Wastebaskets

Paper Cutter, 18"

Paper Towel and soap dispensers should be
adjacent to all sink areas (must fit county bid
paper towels)

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Space or Area Number of Items (Per Pod) Description of Furniture/Equipment Needed

Three-Teacher Units

Instructional pod (3 teachers units) Primary adjustable

Primary

FURNITURE

*84

Individual Student Tables with adjustable legs

*6

Trapezoidal Tables with adjustable legs

*3

Kidney Shaped Tables, 48" diameter, with adjustable legs

30

14" Stackable Chairs

60

16" Stackable Chairs

3

18" Stackable Chairs

*6

Freestanding Storage Units, 48"W x 24"D x 30"H, with adjustable shelves with doors and recessed hinges

*3

Freestanding Shelving, 60"H x 12"D x 36"W, with adjustable shelves

*6

Freestanding Shelving, 40"H x 12"D x 36"W, with adjustable shelves

3

File Cabinets, Four-Drawer, Steel, Suspension, without Locks

3

Study Carrels, Two Place, Wet, with adjustable legs

3

Computer Tables

3

Library Display Shelves

3

Big Book Displays and Storage

EQUIPMENT

3

Document Camera

3

Cassette Recorders

3

Record Players

*#3

All-in-One Smart Board (interactive white board) including an attached projector.

*3

Sound enhancement equipment system including amplifiers, speakers and microphones.

3

Video Recorders

3

Listening Centers

1

Projector Cart 42" H

3

Projector Carts 26" H

6

Wastebaskets

6

Wall Maps, Spring Roller, Assorted (U.S. and World)

1

Map and Globe Cart (one per school)

3

Pencil Sharpeners

3

Flags and Wall Holders

*#

Paper Towel and Soap Dispensers should be adjacent to all sink areas

3

Easels

3

Computers

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VIII. PROGRAM FURNITURE AND EQUIPMENT REQUEST FORM

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Space or Area Number of Items (Per Pod) Description of Furniture/Equipment Needed
Three-Teacher Units (continued)

Teacher Preparation, Conference, Storage (per 3 member unit)

Primary

*3

6

*1

*1

3

1

FURNITURE

Teacher Stations with One Lockable Drawer

Adult Chairs

Rectangular Table, 30" x 60"

Wardrobe, 60"H x 48"W x 30"D, with key lock and recessed hinges

File Cabinets, Four-Drawer, Steel, Suspension

Step Stool, 15" High with Ribbed Rubber Stair Tread

EQUIPMENT

1

Pencil Sharpener

3

Wastebaskets

1

Paper Cutter, 18"

*#

Paper Towel and Soap Dispensers should be adjacent to all sink areas (must fit county bid paper towels)

Two-Teacher Units

Instructional Pod (2 teacher units) Primary and Intermediate

Prim. Interm.

*56

*66

*4

*4

*2

*2

20

14"

42

30

2

40

*4

*4

*2

*2

*4

*4

2

2

2

2

2

2

2

2

FURNITURE

Individual Student Tables with adjustable legs

Trapezoidal Tables with adjustable legs

Kidney Shaped Tables, 48" diameter, w/adjustable legs

Stackable Chairs

16" Stackable Chairs

18" Stackable Chairs

Freestanding Storage Units, 48"W x 24"D x 30"H, with adjustable shelves with doors and recessed hinges

Freestanding Shelving, 60"H x 12"D x 36"W, with adjustable shelves

Freestanding Shelving, 40"H x 12"D x 36"W, with adjustable shelves

File Cabinets, Four-Drawer, Steel, Suspension, without Locks

Study Carrels, Two Place, Wet, with adjustable legs

Computer Tables

Library Display Shelves

Big Book Display and Storage

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VIII. PROGRAM FURNITURE AND EQUIPMENT REQUEST FORM

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Space or Area Number of Items (Per Pod) Description of Furniture/Equipment Needed
Two-Teacher Units (continued)

Instructional Pod (2 teacher units) Primary and Intermediate

<u>Prim.</u>	<u>Interm.</u>	<u>EQUIPMENT</u>
2	2	Document Cameras
2	2	Cassette Recorders
2	1	Record Players
*#2	*#2	All-in-One Smart Board (interactive white board) including an attached projector.
*2	*2	Sound enhancement equipment system including amplifiers, speakers and microphones.
2	2	Video Recorders
2	2	Listening Centers
1	1	Projector Cart 42" H
2	2	Projector Carts 26" H
4	4	Wastebaskets
4	4	Wall Maps, Spring Roller, Assorted (U.S. and World)
1	1	Map and Globe Cart (one Primary and one Intermediate per school)
2	2	Pencil Sharpeners
2	2	Flags and Wall Holders
*#	*#	Paper Towel and Soap Dispensers should be adjacent to all sink areas (must fit county bid paper towels)
2		Easels
2	2	Computers

Teacher Preparation, Conference, Storage (per 2 member Pod)

<u>Prim.</u>	<u>Interm.</u>	<u>FURNITURE</u>
*2	*2	Teacher Stations with One Lockable Drawer
4	4	Adult Chairs
*1	*1	Rectangular Table, 30" x 60"
*1	*1	Wardrobe, 60"H x 48"W x 30"D with Key Lock and Recessed Hinges
2	2	File Cabinets, Four-Drawer, Steel, Suspension
1	1	Step Stool, 15" High, with Ribbed Rubber Stair Tread
		<u>EQUIPMENT</u>
1	1	Pencil Sharpener
2	2	Wastebaskets
1	1	Paper Cutter, 18"
*#	*#	Paper Towel and soap dispensers should be adjacent to all sink areas (must fit county bid paper towels)

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IX. SPECIAL CONSIDERATIONS

- Water

Classroom – Sinks (with counter) gooseneck, cold water only.

Restroom – Sinks – cold water only. (Accessible cabinetry acceptable)

One (1) refrigerated water fountain per classroom.

Each group restroom (toilet) shall have a hose bibb and a floor drain.

- Built-in Cabinetry

- A. Built-in work counter

Counter - 30"H x 6'L x 24"D with plastic top - closed with adjustable shelving. One per classroom and one per teacher in each teacher planning area. A four member pod gets four, three member pod three and two member pod two.

- B. Built-in cabinets/shelving

Above counter cabinets 30"H x 6'L x 16"D - closed with adjustable shelving. One per classroom and one per teacher in each teacher planning area. A four member pod gets four, three member pod three and two member pod two. Install 18" above base cabinets.

Shelving - one per classroom and one per teacher in each teacher planning area. 72"H x 6'L x 18"D with doors. Shelving for three-member pod 72"H x 9'L x 18"D with doors. NOTE: Clear span of all shelves shall be no more than 30 inches.

One cabinet lockable in classroom and one lockable in teacher planning.

Each classroom will have student storage built-ins. In the Primary Grades it will be cubbies 8" H x 1' L x 16" D minimum of 25. The same area in the Intermediate Grades will be open, adjustable shelving minimum of 16" deep. No drawers in any cabinets/counters.

Material Storage - Heavy Duty Metal

One 4 foot section 30"D, 6'H

One 8 foot section 18"D, 6'H

Provide a 3' x 3' corner cabinet with 24" deep adjustable shelves.

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IX. SPECIAL CONSIDERATIONS (continued)

- Built-in Cabinetry (continued)

- C. Built-in Instructional Aids

Interchangeable board spaces for two 4 ft. x 8 ft. magnetic whiteboards and two 4 ft. x 8 ft. bulletin boards, and one 4 ft. x 4 ft. bulletin board. Frieze area above whiteboards and bulletin boards (12" wide - length of whiteboards and bulletin boards). Magnetic whiteboards to have Eraser Tray, Flag Holder and demountable Map Railing. Place frieze 84 to 97 inches from the floor. Allow space approximately 6'-0" on the teaching wall between the two magnetic whiteboards for the installation of an interactive white board to be provided by the district.

All adjustable wall mounts for boards are to be mounted to the wall 24" from the floor and to extend no more than 5' up the wall or the top of the board to be no more than 84 inches from the floor.

Provide cabinet with two shelves for sound enhancement equipment and amplifier. Cabinet and equipment shall be located at, or adjacent to, the major teaching wall on the interactive whiteboard connection side. The cabinet shall be 17 inches wide and 25 inches deep with a slide tray top (4 inches high), fold up side shelf (approximately 12 inches wide and 15 inches long) and two doors (one on front and the other on opposite side of fold up shelf). The slide Tray shall hold a document presenter provided by owner. The back of the cabinet must allow connections of white speaker wire for the four speakers used with sound enhancement equipment, a network connection, connection to interactive whiteboard and power.

The gathering area will have 3 open shelves for student's selection of reading books. Allow for up to a 16 inch tall book on at least one of the shelves.

All teaching spaces to have minimum per S.R.E.F.

- Other Considerations

Back Pack Storage: Built-in (minimum of 25 per classroom primary and 28 intermediate) 14 inches wide x 12 inches tall x 15 inches deep -- total approximately 48 inches high. The design for the back pack storage needs to be approved by the Prekindergarten-12 Curriculum Services.

See attached playground equipment specifications. The program supervisor will specify the exact playground equipment needed.

Outdoor Playground (Recreational and Physical Education Equipment) - All foundation must be at least 8" underground. Cement anchor must be sufficient as not to allow the structure to move when shaken. All equipment must meet or exceed the Consumer Product Safety Commission (CPSC), American Society for Testing Materials (ASTM), and the Americans with Disabilities Act (ADA) guidelines for construction, structure integrity and appropriate safety zones and fall depths below and around equipment. The installer should provide a performance bond. Interlocking safety tread mats (free draining design) to be installed under slide exit, under tire swings, and swinging bridge exit. See Physical Education section for additional installation requirements.