

# **6TH GRADE MATH/SCIENCE**

February 3, 2014

## **I. PROGRAM REQUIREMENTS**

Refer to the project-specific Schedule of Spaces for student stations, square footage, and for any requirements that may differ from the prototype requirements listed below:

- 8 Classrooms
- 1 Storage-Preparation Room

## **II. PROGRAM FURNITURE AND EQUIPMENT**

Refer to the Furniture and Equipment List for Owner-provided furniture and equipment.

## **III. SPECIAL CONSIDERATIONS**

### **1. Heating/Ventilation/Air Conditioning**

Standard, refer to the General Design Requirements section.

### **2. Acoustical**

Standard, refer to the General Design Requirements section.

### **3. Floor**

Provide hard tile in the emergency shower area in each Classroom.  
Provide polished stained concrete, hard tile, or other low maintenance floor finish in each Classroom and Storage-Preparation Room.

### **4. Walls**

Standard, refer to the General Design Requirements section.

### **5. Ceiling**

Standard, refer to the General Design Requirements section.

### **6. Lighting**

Standard, refer to the General Design Requirements section.

### **7. Windows**

Standard, refer to the General Design Requirements section.

### **8. Doors**

Provide a communicating door between each General Classroom and the associated Math/Science Classroom.

**9. Water**

Classrooms (each)

Provide one (1) pull-cord emergency shower with eyewash, in accordance with SDHC standards.

Provide one (1) epoxy resin sink with cold water in the teacher demonstration table, in accordance with SDHC standards.

Provide one (1) molded fiberglass rinse-counter unit with cold water, located near the door into the Storage-Preparation Room, in accordance with SDHC standards.

Storage-Preparation Room

Provide one (1) molded fiberglass rinse-counter unit with hot and cold water, in accordance with SDHC standards.

**10. Communications**

Classrooms (each)

Provide a clock, intercom speaker and intercom handset in accordance with SDHC standards.

Provide data and AV connections and associated power outlets, in accordance with the General Design Requirements section and SDHC standards.

Storage-Preparation Room

Provide a duplex data outlet with adjacent power outlet in the Storage-Preparation Room, in accordance with SDHC standards.

**11. Electrical**

Classrooms (each)

Provide three (3) duplex outlets above the countertop.

Provide one (1) duplex outlet at the teacher demonstration table.

Storage-Preparation Room

In addition to the standard outlets, provide two (2) duplex outlets above the countertop.

**12. Gas and Air**

Not applicable

**13. Safety**

Provide a fire blanket and a fire extinguisher in a recessed cabinet in each Classroom.

Provide a fire alarm pull station in each Classroom.

**14. Fencing**

Not applicable

**15. Service Drives**

Not applicable

**16. Parking**

Not applicable

**17. Contractor-Provided Equipment and Casework**

Classroom (each)

Provide one (1) rinse-counter unit, in accordance with SDHC standards.

Provide twelve (12) linear feet of lockable base cabinets, keyed-alike, (no wall cabinets above), located adjacent to the rinse-counter unit, to include one (1) bank of lockable graduated drawers, countertop to be 36" above the floor. These base cabinets are to be provided with a chemical resistant plastic laminate countertop.

Provide one (1) teacher demonstration table, to contain the sink and a base cabinet below, in accordance with SDHC standards.

Provide one (1) goggles sanitizing cabinet with goggles, in accordance with SDHC standards.

Storage-Preparation Room

Provide one (1) rinse-counter unit, in accordance with SDHC standards.

Provide six (6) linear feet of lockable base and wall cabinets, keyed alike, located adjacent to the rinse-counter unit, to include one (1) bank of lockable graduated drawers, countertop to be 36" above the floor. These base cabinets are to be provided with a chemical resistant plastic laminate countertop.

Provide plastic laminate finished shelving units with 1/2" lips, as much as practicable, units to be 36" wide x 18" deep x 84" high with five (5) adjustable shelves. Shelf support clips are to be non-corrosive.

Provide one (1) glassware drying rack, mounted above the drain board for the rinse-counter unit, in accordance with SDHC standards.

Provide one (1) lockable, vented, flammable storage cabinet (not required if this room is located near the 8<sup>th</sup> Grade Physical Science Storage-Preparation Room).

**18. Contractor-Provided Instructional Aids**

Classroom (each)

Provide a 12' wide x 4' high regular markerboard with a 4' wide x 4' high grid markerboard on one (1) side (grid to be 2" x 2") and a 4' wide x 4' high tackboard on the other side, bottom to be mounted 36" above the floor.

Install an owner-provided projector and mounting bracket, centered on the wall over the markerboard.

**19. Other Considerations**

Each 6th Grade Math/Science Classroom is to be paired with a 6th Grade General Classroom.

# SPACE RELATIONSHIPS

