Neshaten Classroom Type 3

The Type 3 Classroom is a room found used primarily in Neshaten schools; it is the newest type of classroom and was designed by She'na Academy's students for use in primary and secondary, and upper category schools. It came into use in ER 002.

Design

The Type 3 Classroom is of an ambitious design, it is one third nonagon, one third rectangle, and one third circle; this effectively makes it a rather odd design compared to other classrooms. The nonagon part of the design takes up the forward areas of the classroom, the rectangular area the center, and the circular part the rear. There are two doors on side flanked by a large window, which allows students to see out into a hallway while the opposite side of the room also has one door and another large window to see outside. The doors are used to enter the classroom either from the outside or from a hallway.

There are cubbyholes beneath both the left and right large windows, along with bookshelves and cabinets at the rear of the room. Like the Type and Type 2, there is a touch-screen board and a teachers desk at the front. Like the Type 2, desks are stored in the floor to make room in the classroom for special occasions.

Civilian Emergency Systems

The room is equipped with a number of emergency systems, including fire suppression, CO2 monitors, gas and other sensors to help protect whomever is using the room from potential harm. These systems are linked to a schools main office so that they can be easily monitored and responded to.

Fire Systems

Internal fire suppression systems utilize a specialized kind of foam that is an all in one, the kind of foam used is designed to smoother gas, liquid, electrical and chemical fires.

Co2 Systems

Designed to detect the presence of Carbon dioxide through the use NDIR.

Gas Detectors

Designed to detect gas emissions from the natural gas, the gas is also mixed in with a chemical agent

that reacts to a person's sense of smell so that they can more easily detect its presence.

Groundquake Sensors

A specialized sensor designed to monitor the movement around it, the sensor is smart enough to tell the difference between regular - everyday movement such as that from people and from more irregular movement such as that which comes from ground quakes. These sensors are interconnected with a central monitoring station located somewhere near a school, this means that if the outside sensors pick on the movement 'first', then the sensors inside of the building will emit an emergency signal alerting individuals of an approaching quake.

Other sensors

There are other sensors found within the CES which are designed to serve functions different from those listed above, they are more wide-range systems designed for multiple roles such as measuring air and wind pressure, rain water, along with the electrical current in the air which can sometimes predict whether a lightning strike might occur.