Neshaten Classroom Type 1

The Type 1 Classroom is a room found used primarily in Neshaten schools; it is the most common due to its relatively decent size and equipment. The Type 1, being so common, has been around for hundreds of years and its design hasn't changed at all from its inception when the Neshaten Federation was around. With the Kingdom, the room was created in ER 001.

Design

The Type 1 Classroom is designed in the form of a rectangular shape. There are two doors that allow entry from a hallway, along with a decently sized window that allows students to see out into said hallway. On the opposite wall are two other windows, both are designed with the bottom being straight while the top angles into a half circle and comes together, these windows have drapes over them to filter out sunlight; there is also another door on the far side of the room that allows people to enter and exit the room either into a play area, a sidewalk, or perhaps another hallway that might flank it. There are cubbyholes located beneath the largest of the three windows, which permits students to store items needed for the class.

On the rear wall, furthest away from the front of the classroom, are bookshelves to hold books and a cabinet to hold other items used in the class. Toward the front of the classroom is a podium for a teacher to teach while a side desk allows the teachers to sit down and do stuff while his/her students are working; the front also has a electronic touch-screen to allow the teacher to bring up items to teach and students to solve items on the board. Some classrooms might have items such as science and computer stations, but those are usually found as dedicated rooms.

The rooms interior design, such as the coloration of the walls, chairs, tables, and floor along with ceiling are determined by where the room is being used, the type of building it is being used in, and the majority of people who might use it. An example being that in a primary school setting, the room would mainly have soft or light colors, while in a military setting it would have darker or neutral colors.

Civilian Emergency Systems

The room is equipped with a number of emergency systems, including fire suppression, CO_2 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.