

Neshaten Classroom Type 2

The Type 2 Classroom is a room found used primarily in [Neshaten](#) schools; it is the second most common and usually found exclusively in primary and secondary schools. It was created by the Kingdom for use in these schools in ER 384.

Design

The Type 2 Classroom is a shaped like two circle cut in half with a rectangle in the center, this makes the front and rear sides of the room circular while the center of more rectangular. Like the Type 1, it has two doors that flank a central large window to see out into a hallway, while a planter is positioned just outside of this window so that students can plant small plants. On the opposite side of the room is another large window that is flanked by a door that leads outside, or into another adjoining hallway and also has drapes or some other fixture to block light. The front of the classroom has a touch-screen board for students and teachers, along with a podium for the teacher and a desk off to the side for the teacher to use.

The rear of the classroom has cabinets and cubbyholes along with bookshelves. It also has a closet and a coat rack for students to place their book-bags or coats on. The floor of the room is specifically designed to allow a students desk to be retracted into the floor itself, this frees up place and allows students to more easily clean a floor doing cleaning time.

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 smother 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.

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