

# Neshaten School Cafeteria Type 2

The type 1 cafeteria is a [Neshaten](#) large room found within schools and other faculties used to cook food and serve the needs of students and staff. Unlike the type one, the Type 2 is rather unique for She'na Academy, which is who first created the concept and thus was introduced in ER 002.

## Design

The Type 2 has a defined pentagonal shape with three separate floors, with each floor having a kitchen on it. The type 2 has eight doors to permit access into it, along with three basements with access provided to each of the three levels. Each floor has a capacity of one hundred individuals, and while the first two floors are internal floors the top floor - being the third one - is open air and allows students to eat outside and enjoy the weather or the scenery. Specialized field generators located within the building protect students from sudden, disastrous, weather.

Kitchens are enclosed unlike the type 1, which means students can't observe and watch as food is cooked; although the type 2 does have a buffet table located on the second floor; a separate large room is set aside that can either be used for special events or in the event a restaurant wants to open its doors there, this room is partly enclosed and partly open-air.

## 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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