I have chosen a school as a scenario for my functional sound design alerts. I have created a series of alarms and alerts to signify a variety of events that may need to be broadcasted throughout a school.

1. **School Bell**
   This would be the bell to signify the everyday period changes and beginning and end of the day. I feel that a smooth arpeggiated piano melody is more pleasant than a harsh bell that is commonly used in American TV shows etc. I used a grand piano sound and added a small amount of reverb and increased the bass gain to the maximum, making a fuller sound.

2. **Fire Alarm**
   A fire alarm needs to be startling and immediately catch everyone’s attention, making them feel the urgency to evacuate the building. To achieve this, I made the alarm two alternating notes, changing their speeds. The actual sound is a synth lead, so it is quite harsh to the ear, adding to the alarming effect.

3. **Containment Alarm**
   This alarm is for a situation involving an armed robber (etc.) where the students and teachers inside the school would be required to stay on the premises but hide indoors. The alert I’ve made is, I think, alarming whilst maintaining a calmer tone in order to hopefully have that effect on the people involved. The alarm is a repeated tone that I have increased the bass gain and lowered the reverb on.

4. **Announcement**
   This is only a short signal to alert the students that announcement is about to made over the intercom system. The function of this is to gain people’s attention, but not necessarily to alarm or startle them. The sound is just two notes, the first shorter than the second, a pleasant, consonant melody.
5. Assembly Signal

Again, this tone is for the purpose of notifying the students that there is assembly, so it does not have to be particularly startling or alarming, just attention-grabbing. The alert is more musical to go with the theme of the school bell and announcement signal.