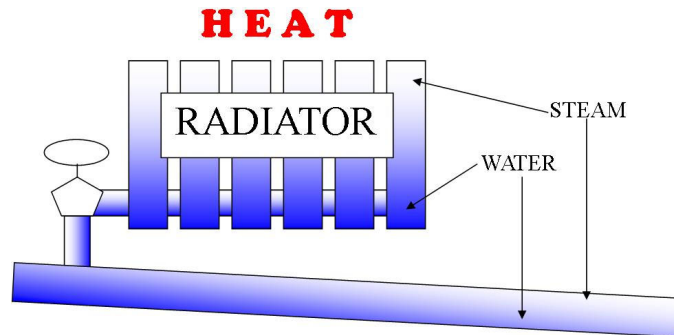


## Guardian Angels Radiator Accident Questions and Answers

**Q: Why are there radiators mounted to the ceiling in the lowest level of the school?**

A: The radiators are located on the ceiling for several reasons. First, they were safer being located on the ceiling as having them located there makes it impossible for a small child to touch a hot radiator. The second reason is gravity. The school is heated with steam generated by a central boiler. The steam is distributed to a number of radiators by way of pipes that also serve to return condensate water back to the boiler. You can think of it like a pot of boiling water on your stove. As the water boils, steam is generated. If you place something on top of the pot of boiling water, water droplets form on the object as the steam turns back into water (also, the object heats up – just like a radiator).



In the school, all the steam lines that feed the radiators are used to collect the water that is generated when the steam turns back into water inside the radiators. You will notice that the pipes are slightly slanted – this makes the collected water flow down the pipe (while steam flows in the space on top of the water). On the top two floors, it is easy to provide the amount of space necessary to keep the water flowing downward, but in the lowest level of the school, there is no “sub basement,” so all of the heating radiators must be installed above the floor to allow enough space to make the water flow down the pipes, back to the boiler to be made back into steam.

**Q. Why did the radiator fall?**

A. Professional engineers are assessing the situation now. We do not know why it fell as there did not appear to be anything wrong with the mounting brackets that hold the radiator in place.

**Q. What options is G.A. considering?**

A. We have found that the lower level is adequately heated by our new boiler with the supply lines that run through the rooms, so it is not necessary to have the old radiators in place. So completely removing them is the most viable option, for all sorts of reasons. Including perceptions about safety. We are working with our contractors who are assessing the scope of this work. While the contractors are removing the old radiators, we hope to start painting the rooms, replacing carpet that was damaged when the radiator fell, along with some other minor repairs.

**Q. When can we expect that the lower level will be re-occupied?**

A. We hope to have the work done as soon as possible so that our school children can once again return to their school “homes.” Work is expected to begin as early as Monday, February 18.