

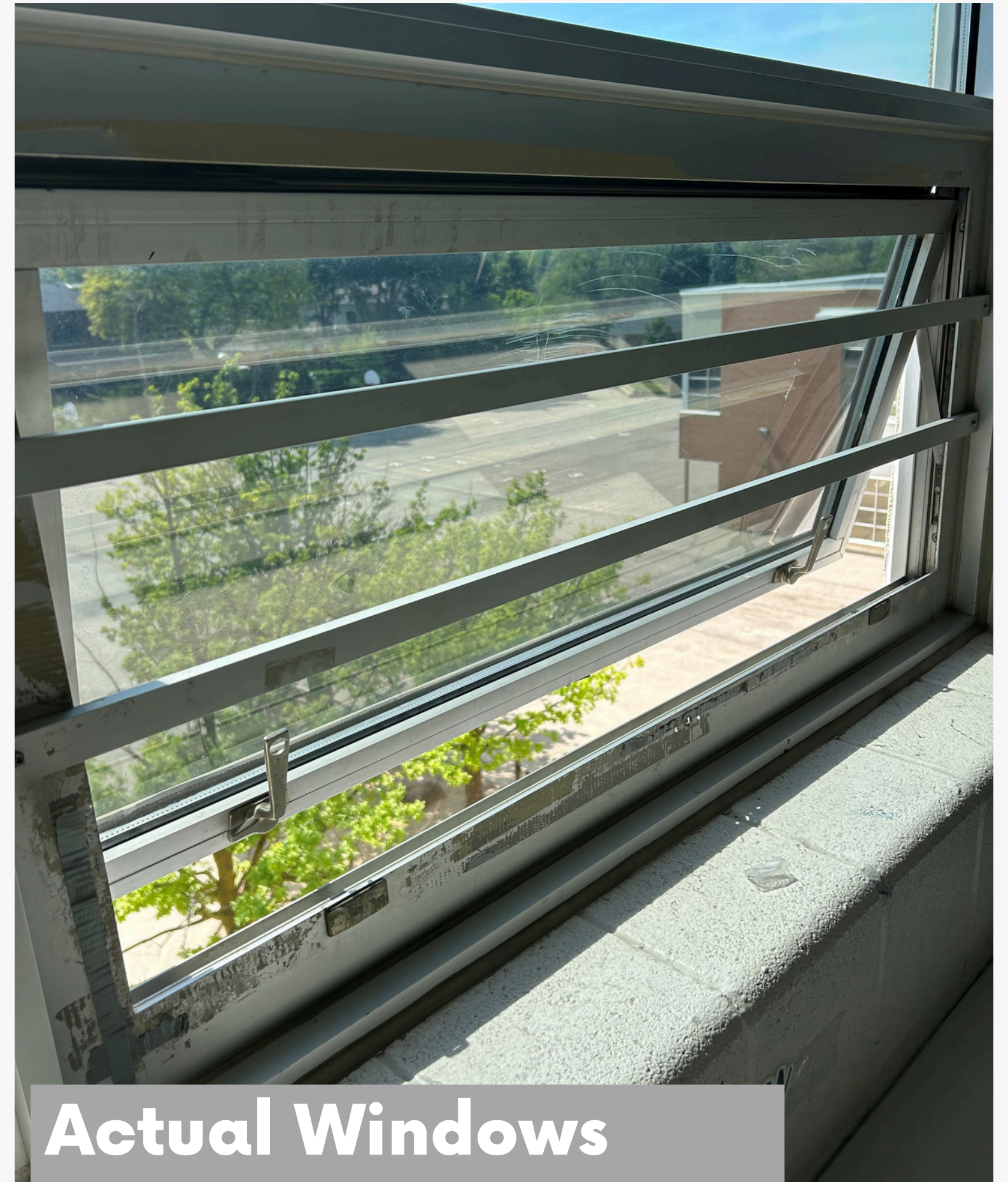
CRITICAL HEAT ISSUE AT ST. GREGORY CATHOLIC SCHOOL

**ADVOCATING FOR A SAFE AND HEALTHY
LEARNING ENVIRONMENT**



Built in 1998

- Designed to include air conditioning, never installed
- Urgent need to address the extreme heat
- Three-story structure with windows that open only 3 inches.
- Poor ventilation, trapping heat and humidity inside classrooms.



Actual Windows

MAPLE ENVIRONMENTAL INC.

SEPTEMBER 2022 Report

Deficient Reporting

Temperatures and relative humidity must be investigated when students were in session

Humidex for relative humidity from 100% to 50%.

Refer to legend a

Relative humidity (%) Temperature (°C)	100%	95%	90%	85%	80%	75%	70%	65%	60%	55%	50%
25 °C	37	36	35	34	33	33	32	31	30	29	28
26 °C	39	38	37	36	35	34	33	32	31	31	29
27 °C	41	40	39	38	37	36	35	34	33	32	31
28 °C	43	42	41	41	39	38	37	36	35	34	33
29 °C	46	45	44	43	42	41	39	38	37	36	34
30 °C	48	47	46	44	43	42	41	40	38	37	36
31 °C	50	49	48	46	45	44	43	41	40	39	38
32 °C	52	51	50	49	47	46	45	43	42	41	39
33 °C	55	54	52	51	50	48	47	46	44	43	42
34 °C	58	57	55	53	52	51	49	48	47	45	43
35 °C		58	57	56	54	52	51	49	48	47	45

<https://www.canada.ca/en/environment-climate-change/services/seasonal-weather-hazards/warm-season-weather-hazards.html#toc7>

Report from Maple Environmental dated September 1, 2022

St. Gregs	Temp.		Humidity		Humidex
3rd Floor	27	to	28.3	56.4 to 60.3	35
2nd Floor	26.7	to	27	54.8 to 64.3	34
1st Floor	25.7	to	26.4	59.4 to 60.8	31

Immediate and decisive action needed.



Expedite the installation of central air conditioning.



Provide interim solution.



Develop a comprehensive plan.

This issue is not about comfort - this is hazardous to our children

THANK YOU

**ADVOCATING FOR A SAFE AND HEALTHY
LEARNING ENVIRONMENT**