



SCHOOL BUILDINGS

In many European countries ventilation of school buildings is a challenge. In times of COVID-19 the importance of a good indoor air quality is once more emphasized.

TRANSMISSION ROUTES

#1 via **microdroplets** staying **airborne** for hours and can be **transported** long distances



#2 via **droplets** (when sneezing, coughing or talking)

#3 via **surface contact** (hand-hand, hand-surface etc.)

#4 via the faecal-oral route.



VENTILATION

Secure ventilation of spaces **with outdoor air**



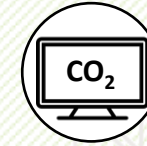
Switch air handling units with central recirculation to 100% outdoor air



Ensure CO₂-controlled ventilation runs **at maximum capacity** during occupancy



Switch on **ventilation** at least **2 hours before & after** occupancy



Install a **CO₂ monitor** with traffic light indication



Instruct teachers & staff on proper use of ventilation facilities



Open windows as much as possible during school hours & ensure airing during breaks



In toilets **avoid opening windows** to maintain the right direction of mechanical ventilation air flows

SANITARY FACILITIES



Instructions to **flush** toilets with **closed lid**



Install **water taps** with sensor for no touch use



All water taps must be in **operating condition** with facilities to disinfect hands



Flush all toilets, water taps and showers **frequently**



Ensure that **floor drains do not run dry** to avoid open connection to the sewer

For further information see the [REHVA COVID-19 guidance on schools](#) document and [REHVA COVID-19 Guidance page](#).

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