



booking a tour

School groups looking to book a tour of the Waste Management & Education Centre and landfill site can contact Oxford County Waste Management at 519-539-9800 ext. 3159 or wastemanagement@oxfordcounty.ca.

TOUR LENGTH

Guided tours of the Waste Management & Education Centre and landfill site will last approximately 2 hours.

TOUR SIZES

Tour groups should be between 5 and 30 members in size.

ACCESSIBILITY ARRANGEMENTS

Accessibility is important to Oxford County. Please notify Oxford Waste Management at the time of tour booking if any special accessibility arrangements will be required during the tour.



contact

Oxford County Waste Management
519-539-9800 ext. 3159

wastemanagement@oxfordcounty.ca
oxfordcounty.ca
wasteline.ca

 facebook.com/oxfordcounty
 twitter.com/wastelineoxford

OXFORD COUNTY

Waste Management & Education Centre

SCHOOL TOURS



OXFORD COUNTY

Waste Management & Education Centre

about

The Oxford County Waste Management & Education Centre is a state-of-the-art facility located in Salford, ON. It is designed, constructed and operated to help reach Oxford County's commitment to 100% renewable energy by 2050 and zero waste by 2025.

Opened in June 2018, the Waste Management & Education Centre is equipped to educate and inspire students on matters relating to sustainability, zero waste and renewable energy. The centre features a variety of sustainable technologies, including enough solar photovoltaic panels to offset the electricity use of the entire landfill site, bringing energy consumption for all landfill operations – including the scale house – to net-zero.

The Education Centre offers a number of interactive displays relating to renewable energy and waste management, including a waste sorting wall, a comparison of electricity needs for various types of lights and more. Oxford County welcomes the opportunity to partner with local schools to offer engaging educational opportunities for classes of all ages.



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at a glance

- Interactive renewable energy and waste management displays
- Timeline of waste management
- Live energy monitoring that shows energy generation and consumption in real-time
- Real-world sustainable technology in use. The building's construction implements numerous technologies designed to reduce and offset energy consumption:

Rammed earth walls. This centuries-old construction technique creates walls with inherent insulation out of a tightly compressed mixture of primarily local materials. The walls of the Waste Management & Education Centre are 22 inches thick with 8 inches of insulation, minimizing the amount of heating and cooling required.

Triple pane windows. The additional insulation provided by triple pane windows reduces heating and cooling costs.

Energy recovery ventilation. HVAC equipment for heating and cooling, including two Energy Recovery Ventilators to recover heat energy from the building's exhaust air, is used to heat the incoming fresh air supply from outside.

Solar photovoltaic system. Beside the Waste Management & Education Centre is a solar photovoltaic system with a designed size of 120 kilowatts. 24 kilowatts are required to offset the Centre's energy use.

for grades 2-6

- Tour of Waste Management & Education Centre
- Time with interactive waste management and renewable energy displays
- Tour of landfill site (Please note: A bus is required and must be provided for the full landfill site tour)
- *Participatory discussions about:*
 - How the landfill site operates
 - Waste/recycling sorting
 - Natural impact of a landfill
 - Renewable energy – solar power, sustainable building technology

for grades 7-12

- Tour of Waste Management & Education Centre
- Time with interactive waste management and renewable energy displays
- Tour of landfill site (Please note: A bus is required and must be provided for the full landfill site tour)
- *Participatory discussions about:*
 - Landfill site operation
 - Waste diversion
 - Natural impact of a landfill
 - Renewable energy & sustainable construction
 - Careers in waste management & renewable energy

