

Science

- Diseases like cholera, smallpox, tuberculosis, typhoid fever were common & killed millions during the 19th century. People didn't understand the connection between bacteria & infection.
- **1857 – Louis Pasteur** 1<sup>st</sup> discovers bacteria. Pasteur theorized that bacteria caused many illnesses including anthrax, cholera & rabies. He uses carbolic acid as an antiseptic.
- **1859 – Charles Darwin** - "*On the Origins of Species*" made its first appearance & the world changed forever. It starts a battle between science & religion over the Theory of Evolution.

Medicine

- Surgeries were dangerous, doctors didn't sterilize their instruments & sometimes smoked during operations.
- Medical discoveries came quickly:
  - New drugs: Aspirin, codeine, morphine, quinine, iodine, cocaine, heroin
  - New tools: X-rays, hypodermic needle, ether as anesthetic
- **Emily Stowe**, a Canadian woman, was one of the first female doctors within the Empire. She had to get her licence in the USA because Canadian medical schools wouldn't accept women.

Leisure

- Victorian Canadians liked to be entertained, they attended:
  - Balls, concerts, dances, parties & shows.
  - Traveling circuses, fairs, medicine shows, sports like bare-knuckle boxing, rowing & swimming.
  - "Blood sports" – bear baiting & dog fighting.
- At home books and magazines were popular. In the evenings people did crafts, played cards, chess, checkers & parlour games.

Technology & Travel

- Steam engines made travel faster & cheaper. Railways & steamships became an important part of Canada's infrastructure.
- Crossing the Atlantic – sailing ship takes 5 weeks, steamship takes 1-2 weeks.
- The concept of leisure travel begins in this time. Wealthy Canadians went "on Tour" to Europe.
- Railways soon improved & connect the Maritimes to Canada to the USA

Rise of Newspapers

- **1752 – The Halifax Gazette** was the country's 1<sup>st</sup> newspaper. By mid 1800s most Canadian cities had at least one newspaper.
- Newspapers were used by politicians to promote their ideas & focused on local news. They were also one of the few sources of news from around the world.



Emily Stowe



Louis Pasteur