 **How Do Mobility and Technology**

**Impact Migration?**

**Introduction**

* Mobility refers to the ease of traveling from one place to another;
* Each mode of transportation has its own pros and cons, and new technology is always changing that balance;
* During the past two centuries, transportation developments have improved mobility.

**How Far Could Canadians Travel in One Day?**

* Across Prairies by Canoe, 1810
  + 75 days one way;
* Across Southern Ontario by Train, 1876
  + 11 hours, 15 minutes one way;
* Vancouver to Whitehorse by Airplane, 1943
  + 9 hours one way;
* Edmonton to Ottawa by Car, 1959
  + Four days one way.

**The Past Half-Century**

* First satellite into space was Russia’s Sputnik, in 1957;
* Today, hundreds of satellites orbit the earth;
* Monitor weather, transmit television and other communication;
* GPS can pinpoint exact locations;
* What once took weeks or months to travel, can be accomplished in a single day.

**Conclusion**

* Design technology has made great improvements in both the machines and the networks that help our mobility;
* Use of lightweight, space-age materials has increased the strength and size of airplanes;
* New automobiles make use of complex computer systems and lightweight parts to improve safety, performance, and fuel efficiency;
* Highway design has made it easier and quicker to get from one city to the next.