



Geometry & Measurement Student Activity

Canadian Time Zones

1. Look at the Time Zone Maps. (You must print off the following Maps: WTZ.PDF and STZ.PDF to refer to while doing this activity). You may also need an Atlas. Please list below the names of the time zones from west to east. Please record the current time in each of the time zones. Also, record what time of year you are doing this activity.

TIME ZONE MAP (TIME OF YEAR: _____)	
Time Zones (West - East)	Current Local Time

2. In which time zone is the North West Territories? _____
3. In which time zone is Nunavut? _____
4. In which time zone is Saskatchewan? _____
Looking at this map, Saskatchewan appears to be different than all other locations. Study the map and then make a hypothesis about the difference between Saskatchewan and all other locations.
5. Between what two time zones is there only $\frac{1}{2}$ hour difference?

6. It is currently 09:30 in Whitehorse. What time is it in Iqaluit? _____
Explain your answer.
7. You are traveling by airplane. You depart Winnipeg at 10:04 am. You arrive in Edmonton at 11:04 (MST). How long were you in the air?

8. You depart Thunderbay (by plane) at 11:00 am. You arrive in St John's at 3:30 pm. You have stopped several times to pick up additional passengers. How long did it take you to travel between the two locations (including all stops)?
9. What time is it in St. John's when it is 8:00 am in Saskatoon (in the winter)?
10. What time is it in St. John's when it is 8:00 am in Saskatoon (in the summer)?
11. Look at the map that shows the time zones in Canada. Why are the actual time zones not all evenly spaced?

Reflection:

What have you learned about time zones?