Climate Data Activity

Science 9 – McDade

Learning targets:

* Process and analyze climate data (look up historical data on temperature and precipitation, enter it in excel and create a graph)
* Evaluate whether or not conclusions can be made (question)

Instructions

* Go to the following website : <http://climate.weather.gc.ca/historical_data/search_historic_data_stations_e.html?searchType=stnName&timeframe=1&txtStationName=whitehorse&searchMethod=contains&optLimit=yearRange&StartYear=1840&EndYear=2019&Year=2019&Month=1&Day=6&selRowPerPage=25>
* Pick a date (your birthday, a special holiday, random day)
* “Go” to the “Whitehorse A” data set – select “daily” data interval, “1943” year and the month/ day that you have selected
* Find the “mean temp” and enter them into your excel spreadsheet
* Go to the **same day** for “1944” and enter the same data
* Repeat for “1945” through “2019” (PA)
* Create a graph for your data, adjust the formatting so it has a title, axis labels, looks professional and print it (PA)
* Answer the following questions on the back of it:
  + Discuss trends that you notice with your data. (PA and COM)
  + Can you make any conclusions based on your data? Discuss. (EV and COM)