



# P U S H .

"In Union is Strength."

Vol. 1.

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### Notes on Meteorology.

WALTER. Mr. B. as I wish to make a record of the temperature at my house, would you kindly inform me how to proceed?

Mr. B. Willingly. Procure two good thermometers; one, a maximum for the highest temperatures, the other, a minimum for the lowest, the latter will also do for showing the temperature at time of observation. If possible, before you begin compare your thermometers with some standard instruments. If you cannot do this make a partial test yourself as follows; pound some ice into pieces about the size of hazel nuts, then take a small pitcher, fill it about half full of water, put in pieces of the ice until it is nearly full. After waiting a few minutes, stirring the contents meanwhile, carefully immerse the bulb and about one inch of the stem in the ice water; Move the bulb gently to and fro in the water. In three or four minutes, look where the top of the column of mercury or alcohol stands in the stem. If it stands at

32 degrees, the freezing point of the instrument is correct, but should it vary from this, you must get it adjusted by an expert.

Walter. Sometimes we hear of thermometers in town varying four or five degrees from each other, are those instruments all incorrect?

Mr. B. Perhaps not altogether; but there are certain conditions to be observed about their location and of which I shall tell you at another time.

We have received No. 3. Vol. 1 of "The Nova Scotia Normal."

Last week in Willow St. School the highest averages, for deportment and scholarship were made by Miss Ray Smith, Grade vi; Miss Millie Williams, Grade v, and Misses Louise Beck, Sadie Logan and Annie McClure, Grade iv.

A spelling match was held in Grade iv on Friday, March 9th. Those who did not miss a word were Misses Cassie Cruikshank, Maud Webster, Emma Price, Clara Cruikshank, Bessie Geddis and Fred Tupper.