

some authorities claim ten inches of well consolidated material with the sub-soil well drained will support the heaviest traffic. In recent years, however, concrete has largely taken the place of other materials, where a heavy traffic is intended. Concrete when laid to a thickness of six inches, and overlaid with asphalt, forms an excellent pavement. The only drawback with asphalt is that it is slippery when moist and when getting dry, though it affords firm footing when dry and wet. Asphalt wears well and is the pleasantest to travel on. Its wearing qualities are due to its elasticity. The asphalt loses thickness by compression under the traffic. Repairs are easily made by adding new material. In larger towns streets must be cleaned daily, because of

sanitary causes, this is accomplished either by hand sweeping and hand scraping or by machines, which either sweep the mud or dust directly into the cart or scrape it to one side to be gathered up by hand. Cleanliness is highly important, especially on asphalt pavements, where a film of dust often makes it extremely slippery when beginning to get wet or when getting dry, though sand is sometimes strewn over the surface to remedy this, sand tends to wear the asphalt, and great cleanliness is therefore the best preventive.

Since a road is what we make it, we must therefore make it in the best manner possible, and keep it in repair.—Eddie Sundt, Grade VIII., Cartwright, Man.

School News

Manitoba Educational Association

Eleventh annual convention, Kelvin Technical High School, April 25th, 26th and 27th, 1916. 9 a.m. executive meeting.

General sessions, Tuesday, April 25th, 2 p.m.—Music, school pupils; civic welcome, Mayor Waugh; President's address, Dr. W. A. McIntyre; address, Dr. R. S. Thornton, Minister of Education. "O Canada."

Wednesday, April 26th, 2 p.m.—Music, school pupils; Greetings from Trustees' Association, Mr. Ira Stratton; address, "The School as a Factor in Life" (a business man's view), Mr. R. T. Riley. 4 p.m.—Visit to Agricultural College (1) inspection of buildings; (2) lunch; (3) address, President Reynolds.

Thursday, April 27th, 1.30 p.m.—Business meeting; music, school pupils; address, "The Trend of Modern Education," Mr. Chas. K. Newcombe, Supt. of Education; address, "Echoes from the War," Dr. Fortin, Canadian Expeditionary Force. National anthem.

Elementary Division, chairman, Bro.

Joseph Fink, Wednesday, April 26th, 9.30 a.m.—Demonstration of physical drill, A class of Teachers; "Manitoba Birds" (illustrated by lantern views), Prof. V. W. Jackson, Manitoba Agricultural College; "Tuberculosis, a Community Disease," Dr. D. A. Stewart, Supt. Ninette Sanatorium.

Departmental meetings, Thursday, April 27th, 9.30 a.m.

I. Grades I., II. and III., chairman, Miss Palk.—Phonics—class demonstration, Miss McIntosh; Number work—class demonstration, Miss Bishop; Drawing—class demonstration, Miss Barber.

II. Grades IV., V. and VI., chairman, Mr. H. H. McIntosh.—Music—class demonstration, Miss McCleery; The Social Development of Children in School, Mrs. Duncan; Reading, Speaking and Dramatization—class demonstration, Miss Aaron.

III. Grades VII. and VIII., chairman, Inspector Gordon.—History, Miss Craig; The Gary School System, Mr. W. E. Grant.

IV. Rural Schools, chairman, Inspec-