

of those who had carried the burden of the work up to the present time.

Rev. C. Goodspeed, a former principal of the Fredericton Seminary, spoke of the responsibility which the new order of things laid upon teachers and students.

Addresses were also delivered by Rev. Prof. Kierstead, of Acadia College, C. A. Everett, Esq., St. John, Rev. W. J. Stewart, Portland, Dr. G. A. Hetherington and Wm. Peters, Esq., of St. John. The superintendent, Rev. J. A. Gordon, stated that the outlay on the building had exceeded \$35,000, of which amount \$29,000 had been paid to contractors, merchants and others. A sum of \$10,000 was yet required to complete the work. The current expenses of the year were placed at a further sum of \$10,000. He stated that seventy students had signified their intention to enter for the present term, of whom forty had already arrived.

The addresses were interspersed with instrumental music by Miss Vaughan, and recitations. Tea was provided in the dining hall at 5.30 o'clock, after which the guests took their departure.

The staff consists of a superintendent, the Rev. J. A. Gordon; Principal, Rev. B. F. Simpson, A. M., B. D., teacher in classics, science and philosophy; Preceptor, Miss F. Thomas, teacher of English literature and elocution; second master, Geo. Downey, A. B., teacher of mathematics, history and geography; Miss Vaughan, teacher of instrumental music; J. C. Miles, Esq., F. R. C. A., teacher of drawing and painting; Miss Hutchins will take charge of classes in vocal culture.

The building is beautifully situated on a rising ground off the main street of St. Martins. It is built of brick on a stone foundation, three stories high, and a frontage of over 200 feet, and three wings extending back about 70 feet.

The fees will be about \$140 per annum for each pupil. This will include tuition, board and lodging. The spacious grounds attached to the building will afford ample opportunity to the students to attend to their physical development.

The wave length of red light is $\frac{1}{33000}$ of an inch; of yellow light $\frac{1}{41000}$; of violet light about $\frac{1}{70000}$.

If white paper reflects 100 per cent of the light falling upon it, the blackest paper reflects about 5 per cent. A perfect black would be invisible as it would reflect no light.

Some cases have been observed where the eye has apparently little perception of anything except light and shade. The world would look like a picture in black and white to such a person.

TEACHERS' INSTITUTES.

The St. John County Teachers' Institute met on Thursday and Friday, September 27th and 28th. The Superintendent of Education was present on Friday and addressed the teachers. He urged them to study the history of education, in order to get a wider and juster view of their profession, and to see what those methods and practices are which have survived through centuries. Papers were read on drawing, music, and methods of teaching English. These gave rise to spirited discussions, in which the lady members of the Institute took an active part. Their remarks, especially, were of a practical character.

At the Westmorland County Teachers' Institute, on the 27th and 28th September, there was an excellent display of manual work from several of the schools throughout the county. Chief Superintendent Crocket was present on the first day and addressed the Institute. The work from Mr. Brittain's school, Petitcodiac, won deserved praise.

At the Charlotte County Teachers' Institute, on the 27th and 28th September, several interesting papers were read. Among the subjects discussed was Dr. Fitch's "Lectures on Teaching."

The Carleton County, N. B., Teachers' Institute will be held in Woodstock on Thursday and Friday, October 11th and 12th. There will be an exhibition of manual work from the schools of the county. The Superintendent of Education will be present and address a public meeting on the evening of October 11th. Other speakers are expected to address the meeting.

The Gloucester County, N. B., Teachers' Institute will assemble in the Grammar-school building, Bathurst, on Thursday, October 4th. Specimens of manual work from schools will be exhibited, and an interesting programme will be carried out, including a discussion on Payne's Science and Art of Education.

The twelfth annual meeting of the Albert County, N. B., Teachers' Institute will be held at Harvey, October 18th and 19th. There will be an exhibition of school work, and a public educational meeting on Thursday evening, October 18th, at 19 o'clock. The programme embraces a series of interesting and important subjects for discussion.

Northumberland County, N. B., Teachers' Institute meets on Thursday and Friday, October 18th and 19th. The Chief Supt. will be present and deliver an address.