

Having made them well acquainted with the first four rules, they must then be made to understand the coinage, the measures of space, time, and volume.

To get a correct idea of the comparative length of an inch, a foot, a yard, etc., and how many times the shorter measure is contained in the longer, the common carpenter's two-foot rule is of great service—show them by actual measurement on the floor what is meant by two, three, four yards, etc., as far as the dimensions of the school will permit.

The motions of the hands on the face of the clock should be pointed out—what space of time is meant by a minute, an hour, and a year—all words in use as measures of time—the same as to measures of volume. Many of the labouring class in agricultural districts, even when grown up to manhood, cannot read the clock face.

When the children understand these things, it will be found most useful to practise them in little arithmetical calculations connected with their own domestic consumption, or applying personally to themselves, such as:—

Supposing each person in a family consume 16½ lbs. of sugar in a year, consider each of you how many your own family consists of, and make out how much sugar you would use in one year.

How much would it cost your father at 5½d. per pound, and how much would be saved if at 4½d. per pound?

This village consists of 1,120 people, how much would the whole village consume at the same rate? How much the county, population 355,004?

Each boy adapting the first question to the number of his family, varies it without trouble to the teacher, and thus no temptation is offered to any one to rely on his neighbour. In arithmetical calculations they can easily catch a result from others; this the teacher should in every way discourage, or he will very soon find that two or three of the sharper boys in a class know something about it, the rest nothing. Tell them to rely upon themselves, and ask questions if they are at a loss.

In this way a great variety of questions connected with sugar, coffee, their clothing, such as a bill of what they buy at the village shop, groceries, etc.—a washing bill, etc., may be set; and when told to do a question or two of this kind in an evening at home, it will very often be found to have been a matter of great interest and amusement to the whole family.

In teaching them arithmetic, such simple questions as the following occasionally asked will, by degrees, lead them to form correct ideas of fractional quantities.

How many pence in a shilling? Twelve. Then what part of a shilling is a penny? One twelfth. Then make them write it  $\frac{1}{12}$  on their slates.

How many twopences in a shilling—threepences, etc.?

Then what part is twopence, threepence, etc.?  $\frac{1}{6}$ ,  $\frac{1}{4}$ , etc.

Again, how many shillings in a pound? Then what part of a pound is one, two, three, . . . nineteen shillings?

$\frac{1}{20}$ ,  $\frac{2}{20}$ ,  $\frac{3}{20}$ , and so on to  $\frac{19}{20}$ ,  $\frac{20}{20}$  or a whole.

In the same way with measures of space, thus leading them by gentle degrees to see that in numerical fractions what is called the denominator denotes the number of equal parts into which a whole is divided, and the numerator the number of parts taken.

(To be continued.)

## OFFICIAL NOTICES.



### APPOINTMENTS:

LAVAL NORMAL SCHOOL.

His Excellency, the Governor General in Council, was pleased, on the 3rd instant, to appoint Mr. Napoléon Lacasse ordinary professor in the Laval Normal School, vice Mr. Joseph Emile de Fenouillet, deceased.

### SCHOOL COMMISSIONERS AND SCHOOL TRUSTEES.

His Excellency, the Governor General, has been pleased to make the following appointments of School Commissioners and School Trustees.

County of Rimouski.—St. Simon: Mr. Louis Jean.

“ “ —Môtis: Messrs. Vital Dumas and Fabien Talbert.

County of Pontiac.—Ochichester: Messrs. Bryan Golden and John Poupard.

County of Quebec.—St. Colomban de Sillery: Mr. John Sharples.

“ “ —St. Colomban de Sillery: (dissidents, Trustees.) The Rev. Armine W. Mountain, Messrs. William Rhodes and Michael Stevenson.

County of Shefford.—Granby: Mr. Dominique Sénécal, trustee.

County of Laprairie.—St. Isidore: Mr. Antoine Doyon.

County of Temiscouata.—St. Antonin: The Rev. Jacob Côté, Messrs. J. B. Rossignol, Michel Charron dit Laferrière, Zéphirin Léveillé, Honore Bélanger and George April, Secretary Treasurer.

### ANNEXATION TO SCHOOL MUNICIPALITY.

His Excellency, the Governor General in Council, was pleased, on the 9th instant, to annex to the School Municipality of Rivière-Ouelle, in the county of Kamouraska, that portion of the lands belonging to Messrs. Clément Léréque, François Ouellet, François Gagnon, Eusébe Gagnon, Pierre Dubé, Barthélemi Thibault, Vincent Ouellet and Joseph Pelletier, which portion of said lands now forms part of the Municipality of St. Pacome, in the said county of Kamouraska.

### DONATIONS TO THE LIBRARY OF THE DEPARTMENT.

The Superintendent acknowledges, with many thanks, the receipt of the following donations to the Library of the Department.

From Messrs. Ivison and Phinney, Booksellers, New York: Sander's Analysis of English Words, 1 vol. in-8; Robinson's Mathematical Series, 1 vol. in-8.

From Messrs. Sanborn, Bazin and Ellsworth, Booksellers, Boston: The Progressive First Reader, 1 vol. in-18; The Progressive Second Reader, 1 vol. in-18; The Progressive Third Reader, 1 vol. in-8; The Progressive Fourth Reader, 1 vol. in-8; The Progressive Fifth Reader, 1 vol. in-8; The Progressive Speaker and Common School Reader, 1 vol. in-8; The Progressive Primer, 1 vol. in-18; The Progressive Speller, 1 vol. in-12.

### SITUATION AS TEACHER WANTED.

Mr. John Guthrie, is desirous of obtaining a situation as teacher. Applications to be addressed to the Education Office.

## JOURNAL OF EDUCATION.

MONTREAL, (LOWER CANADA) SEPTEMBER, 1859.

### NECROLOGY.

If the whole country has learnt with unmingled sorrow, and a feeling of awe caused by the suddenness of the accident and the high position of the victim, the death of the interesting and beloved son of His Excellency, the Governor General; the fact of his being a young man and a student of the most promising talents and dispositions will, if possible, excite still greater sympathies in the bosoms of our readers.

We copy below, from the *Ere Nouvelle* of Three Rivers, the narrative of the sad accident and we believe that the facts themselves, appalling as they are, require no comment on our part. It would be useless to attempt to soothe the feelings of a father and of a mother under so great a bereavement. He alone who once changed the order of nature to recall to life the only son of a widow, showing thereby that such a loss entitled those who suffer it, to heaven's especial grace and support, He alone, can give consolation to those whose affliction is beyond all human relief.

John Head, only son of the Right Honorable Sir Edmund Walker Head, of Hermitage, County of Kent, and