cut in gores, or radical pieces, from center to circumference, half of the gores being removed and the others brought together, forming a hemispherical cup. These disks are gored under a cutting Falls, was elected president by acclamation, and Miss Brown, of Port press the disk of which are a count to the second countries. press, the dies of which are so exact that the gores come together at their edges to make a perfect hemisphere. The formation is also done by a press with hemispherical mold and die, the edges of the dies of the than routine and business, was then followed through. gores being covered with glue. Two of these hemispheres are then and the state of t in a moist state. After drying the rough-paper globe is rasped down to a surface by course sand-paper, followed by finer paper, and then receives a coat of paint or enamel that will take a clean, smooth finish. The instructive portion is a map of the world printed in twelve sections, each of lozenge shape, the points extending from pole to pole, exactly as though the peel of an orange was cut from stem to bud in twelve equal divisions. These maps are obtained in Scotland, generally, alth ugh there are two or three establishments elsewhere which produce them. The paper of these establishments elsewhere which produce them. The paper of these maps is very thin, but tenacious, and is held to the globe by glue. +D maps is very turn, but tenacious, and is held to the globe by glue. D. Macdonald, B.A., Pastor Presbyterian Church, Thorold. The operator generally a woman—begins at one pole, pasting with Relation of Teacher to his Work.—Mr. Tilley. the left hand and laying the sheet with the right, working along one edge to the north or other pole, coaxing the edge of the paper over the curvature of the globe with an ivory spatula, and working down the entire paper to an absolutely smooth surface. As there are no laps to these lozenge sections the edges must absolute's meet, else there would be a mixed-up mess, especially among the islands of some of the great archipelagoes and in the arbitrary political borders of the nations. This is probably the most exact work in globe-making, and yet it appears to be easy, because the operator is so expert in coaxing down the fulnesses and in expanding scanty, portions, all the time keeping absolute relation and perfect joining with the other sections and to their edges. The metallic work-the i equators, meridians, and stands is finished by machinery. coat of transparent variash over the paper surface completes the work, and thus a globe is built. - Sountific American.

## THE LONDON POST OFFICE.

The London postoffice is a great institution. the two departments, one occupied by the business of letters and i papers, the other with telegraphing. In Britian telegraphing is part of the regular post office system. The general postoffice build, irregularly. Parents often keep their children home needlessly. ing is an imposing edifice of the Ionic order. It is 400 feet long, 130 wide, and 64 feet high. The best time to see the outside rush. is just before 6 pm, at which hour the night mad closes. The rush is something tremendous. Errand boys, hatless clerks, business men, everybody jams forward to get his bundle of letters into the long zinc edged or copper-faced opening before the hour strikes. Exactly at the minute the office closes, and all letters that are in haste must have an extra stamp on them if they are to go that night. The extra stamp business lasts for an hour. It is a sight to see the stampers at work. The stamper counts the letters, and the last stamp on a long sheet of name? It is a sight to see the stamped fifty he hits his stamp on a long sheet of name? when he has stamped fifty he hits his stamp on a long sheet of paper | tions. Stamper in the London office can stamp about 6,000 letters an hour.

The Association before closing discussed the subject of "Arbor Day."

All felt that the setting apart of this day was a step in the right direction, and were agreed that its proper observance for a few years would postoffice. It is 286 feet by 144 feet, and S4 feet from pavement to the control of the setting apart of the attractiveness of the school of the school of the setting apart of the subject of "Arbor Day."

All felt that the setting apart of this day was a step in the right direction, and were agreed that its proper observance for a few years would be subject to a few years would be subject of "Arbor Day." postoffice It is 286 feet by 144 feet, and 84 feet from pavement to have a cornice. On the first floor are the offices of the postmaster general grounds. and the accountant general. On the next floor are the secretaries; pointed by the non arrival of Dr. McLellan, to deliver his expected and staff, and in the two upper stories is the telegraph department. lecturer on "This Canada of Ours." The Rev. A. Grant was called to The instrument room is 125 by 80 feet. Fifteen million messages the chair, and a good programme of singing, reading and recitations was a year pass through it. The building is connected with the district | gone through with very successfully. telegraph offices of London by pneumatic tubes, and messages come through literally with the speed of the wind. Four engines in the basement furnish the wind.

## Ceachers' Associations.

At the business meeting on Thursday afternoon a strange and prob-

Thursday Afternoon. - Devotional Service. - Conducted by Rev. John

Afternoon. Should Temperance be Taught in Our Schools?-Rev. C.

About seventy teachers were present at the Convention, and a good

deal of interest was manifes ed in the proceedings.

The Educational Journals were represented at the meeting. The large addition made to the Subscription list of the Canada School JOURNAL, afforded a gratifying proof of appreciation of our efforts to give teachers a first class practical paper.

HALDIMAND. - The Teachers' Convention of the County of Haldimand met in Hagersville on Friday and Saturday last. The attendance was large and the meeting unusually interesting. The programme for the day sessions consisted of papers and discussions bearing directly on school work. The President, Mr. Egbert, read a paper on "Physical Exercise" His paper, as well as the discussion which followed, advocated between the control backty of each health out to be control to the control of the control o cated plenty of good healthy out door exercise. He also suggested some extension movements for the school room when the weather would not admit of going outside. Mr. Elliott, of Caledonia, took up the subject of "Mensuration." He threw out some valuable suggestions on this subject in showing how he would teach a lesson to a class beginning the study. He gave a few good rules or formulæ for finding the area of triangles, circles, &c. Mr. Hamilton, of Cayuga, read a paper on "Our Profession." This paper was well received, and the writer was requested by the convention to give it to the Newspapers of the County for publication Mr. Hume, Dunville, took up the subject of "Irregular Attendance." He showed a number of reasons why pupils attended to the state of the least the state of the least the large medically. They allow them to remain at home on account of what he termed 9 o'clock head aches. School is often made so unpleasant that boys don't care to

At the Public meeting on Friday evening, the audience were disap-

NORTH ESSEX. A local convention of the teachers of North Essex, was held at School No. 7, Sandwich East, near Madistone. Thirty-four teachers were present. Theo. Girardot Esq., I.P.S., occupied the chan. The forenoon was spent in illustrating, with suitable classes, the methods of teaching geography, writing, primary reading, language lessons, literature and composition. In the afternoon a very profitable discussion Welland.—Annual Meeting of Welland Teachers' Association. The was held on the several methods, and many practical plans were sugarnal convention of the Teachers' Association for the country of Well and was held in the high school building of that town on Thursday 30th April, and Friday 1st of May. The convention opened in due form the presidency of Mr. Ball, the public school suspector for the country.

Interacture and composition. In the atternoon a very profitable discussion was held on the several methods, and many practical plans were sugars.

Resolutions were adopted approving of only one text-look on each subject taught in the Public Schools, and of the appointment of Directors of Institutes. It was agreed to invite the teachers of South April, and Friday 1st of May. The convention opened in due form the local convention will be held at Woodslee, June 1st, 1885.