cut in gores, or radical pieces, from center to circumference, half of the gores being remus ad and the uthers banaght together, furming a hemispherecal cup. These disks are gored under a cutting press, the die's of which are s" exact that the sures cume tugether at their edges to make a pafech hemuphere. The formation is atso done by a press with hemespherncal mold and dee, the edges of the gores being covered with ghe. Two of these hemispheres are then united by glue and mounted wh at wre, the emels of whel are the two axes of the finished globe. All this is done while the priper is in a muist state. After dryang the sough-paper globe is rasped down to as surface by course samb-paper, followed by finer paper, and then receives a coat of pant or enamel that will take a clean, smooth fiash. The mstructive portion is a map of the wortd printed in twelve sections, each of lowenge shape, the ponts extending from pole to pole, exactly is though the peel of an orange was cut from stem to bud in twelve equal divisions. These maps are obtained in Scotland, generally, alth wh there are tho or three establishments elsewhere which produce them. The paper of these maps is very thin, but temacions, ant is hedid to the globe by plae. The operator qenerally a woman-beyns at one pole, pastang with the left land and laying the sheet whth the right, working along one edge to the nurth or uther pule, cobxing the edge of the paper over the curvature of the ghobe with an wory spatula, and working down the entere paper to an abonlately smo thi surface. As there are uo laps to these lozenge sectoms the edges must absulute: meet, else there would be a maxed-np mess, especialiy among the islands of some of the great archupelagnes and in the arbitrary political borders of the nations. This is probably the must exace work in globe-makmg, and yot is appers in bre easy, because the operatur is so expert in coaxing down the fulnesges and in expabding scanty portans, all the tom herping absehat rehatow and perfect jumbus with the other siectinus and to their edrecs. The metathe work-the equators, meridians, and stands is funshed by machunery. A coat of transparent varmsh wer the phper surface completes the work, and thas a givbe is built.-St:tutific American.

## THE LONDON LOST OFFICE.

The London postoffice is a great institution. A street divides the two dopartments, one uccupied by the business of letters and papers, the other with telegraphung. In Bratain telegraphung is part of the recrular post oflice syctem. The general prostuftice building is an mposung edifice of the Innir arder It is 400 feet long, 130 wide, and 64 feet ligh The berst time to see the wutside rush is just before 6 p m, at which hur the migh math cluses. Tho rush is smething tremendrus Errand L.ins, hatless clerhs, busmess men, everybody jams forward to get his buadle of letters into the long zincedged .ir cupper f.iced upering before the hour s:rakes. Exactly at the minute the office cluses, and all letters that are in haste must have an extra stanp on tuem if they are to go that pight. The extra stamp business lasts for an hour. It is a sight to see the stampers at work. The stamper counts the letters, and when he has atimped fifty he hits has stimp on a long shect of paper at his right land, and thus the number of letters is estimated. A Stamper in the Lomdon oflice can stampab at 6,000 letters an hour. The tolegraph halding is smaller and hiohut than the goverament postoflice It is 281 ; fuet loy 144 feet, and $S 4$ feel frum pavement to cornice. On the first floor are the offices of the postmaster general and the accunbant general. On the wext flowr are the secretanes and atuff, ind in the two upper stories is the telegraph department. The instruncut rom is 125 by 80 feet. Fifteen million messages a year gass through it. The bulduge is comeneted with the district telegraph offices of London by pueanatic tubes, and messages come through literally with the speed of the wind. Four engines in the bascment furmsh the kind.

## Thachers' \#issociations.

Wellasy. - Abnual Mectang of Welland Teachers' Association. The annalal cuncention of the Tachers Assoctation for the country of Well and was helh an the hagh schoon buldan: of that town on Thursilay 30th April, and Eituday lat of May. The convention opened in due fore uniler the presaicacy of Mr. Ball, the public school mapector for the county.

At the business mecting on Thursing afternoon a strange aud probaldy wuprecelontel change wicu made ia the oflicery of the assconation. The otlives were all mamed (!) by ladies. Miss Henderson, of Niagara Falls, was elected president by acelamation, and Miss Brown, of Port Culburne viec-presthent; Miss Brackberry 18 socretary-treasurer, and the Misses Huf, MLGuchin, Clark, Wilson and Kerr compose the committec of managennat. The following programme of exerciscs other than rontine and business, was then followed through.
Thursluy, Mfuruin,/ - Wiitug. - Mr. Lorrman, Master of Publio Schnul, lurt Robinson. Synthetic Methoil of Teaching Grammar; Mr. MeMastor, Master Eist Side I'S., Mhorold.

Thursilxy Afte rnoon. - Devotional Service.-Conducted by Rev. John Kay, Methulist Minister, Thorolil. President's Address. Composition. -J. J. Tilley Ess, Inopector Connty Model Schools. Calisthenic Exerciseo, accomp.uied withisiugug.--Miss Henderson, Teacher Public Schools, Niagara Falls.

Erening. - Inusic, Singing and Readings. The Relation of Education to the State.-Mr. Tilley.

Friday - Drawing.-G. T. Auley, Esg., (Izte Pupil of Monsicur Louis Manhaut, Paris,) Drawiug Master, Mifh Schuol, Welland. Fourth Book Literature. The Comaty Inspector.
Ajt rnoon. Shouht lemperance be Faught in Our Schools?-Rev. C. D Macdonah, 13.A., Yastor Preghyterian Church, Thorold. The Relation of Teacher to his Work. -Mr. Tilley.
Ahout seventy teachers were present at the Convention, and a good deal of inierest was manifes ed in the proccedings.
The Educational Joumals were represented at the meeting. The large addition made to the Subseription list of the Casaba Schoor, luursal., afforded a gratifying proof of appreciation of our efforts to give teaciers a first class practical paper.

Halmmand. - The Teachers' Convention of the County of Haldimand met in Hagersville on Friday ami Saturday last. The attendance was large and the mefting unasually interesting. The programme for the day sessiuns consisted of papers and dis-ussions bearing directly on schuol work. The President, Mr. Egbert, read a paper on "Physical Exercise 'His paper, as well as the discussion which followed, advocated plenty of goon healthy out door exerciso. He also suggested some extensinn movenents for the school room when the weather would not admit of going outside. Mr. Elliott, of Caledonia, took up the subject of "Mcasuration." He threw out some valuable suggestions on this suliject in showing how he would teach a lesson to a class beginning the study. He gave a few good rules or formula for finding the area of triangles, circles, \&c. Mr. Hamilton, of Cayuga, read apmer on "Our Profession." This paper was well receivell, and the writer was requested liy the convention to give it to the Newspapers of the Connty for minhiration .Mr. Hume, Duntille, took up the subject of "Irregular Attendance." He showed a number of reasons why pupils attended irregulaly. larents often keep thear children home needicssly. They allow then to remaii. at home on account of what he termed $90^{\circ}$ clock head aches. School is often made so unpleasant that boys don't care to come. In comection with this sprun; a discussion on how to deal with a truant. The general opinion on this subject uias that compulsion by puaishment was out of the yuestion. Treat the truant kindly, placo confilrnce in him, and endeavout to make his lessuns interesting, and you will win him. Mr. Carruthers dealt ably with the subject of "Promotion Examinations." He suggested sone improvements in the ' time of holding the rxaminations. Mr. Moses read an interesting paper on "Don't.". Etich " Hon't" was a caution ngainst some bad habit which the teacher is hable to iall into. His paper was full of good suggestions.

The Association before closing liscussed the subject of "Arbor Day." All felt th.it tiec settiug apart of thas day was a siep in the aght direction, and were arreed that its proper observance for a few ycars would have a lappy effect in increasing the attractivences of the school grounds.

At the Public meeting on Frilay crening, the audience were disap. pointed by the non arrival of Dr.. Melellan, to delwer his expected lecturer on "This Canada of Ours." The Rev. A. Grant was called to the chair, and a good programme of singing, realing and recitations was gone through with very successfully.

Nouth Eisen. A local convention of the teachers of North Essex, wa ${ }^{3}$ |held at School No. 7, Sandwich East, near Maclistonc. Thirty four teachers were present. Theo. Cirrariot Fsiry, I.P.S., occupicel the charr, The forenoon was spent in illustrating, with suitable classes, the methois of teaching gcography, writing, pimary reading, language lessons, literature and composition. In the afternoon n very profitablo discussion was held on the several methode, and many practical plans feresug. geased. Resolutions were allopteri approving of only one text-look on each suhject tanght in the Public Schools, and of the appointment of Directors oi Institutcs. It was agrced to invite tho teachers of Sonth Essex to meet with them next Fall at Windsor, and hold a union conventioa. Another local couvention will ho held at Woulalec, June lsh 1ssi.

