

ed that they have been driven to work at home. From India I have collected experiences where the fog just covered the infantry, but where the cavalry were seated above it; and another experience also where a footmessenger could not pass, but where a messenger on an elephant might. In such places by shorter tubular arrangements, the fresher air may be reached at an expense less than that of the punkha, and healthy rest obtained free from the torment of mosquitoes.

Experiments may be required to determine the height for a tubular intake (which may be of copper sheathing) to be raised above the clock tower, to avoid the discharges of the high chimneys of bone boilers and others (which themselves require correction), and to insure for the Houses of Parliament and the new public offices air of complete purity for their ventilation.

#### THE HALF-TIME SCHOOL SYSTEM.

Let me do justice to the intellectual by referring to some of the experiences of the working of the half-time school principle. At the half-time District School of Anerley, and of others of them, excluding absolute idiots, full 90 per cent are got 'to the good'—that is to say, to wages when they leave of 8s., 10s., 12s., per week, or nearly the former wages of adults. When I last visited the half-time school of Manchester, at Swinton, the head-mistress there asked what need they had of emigration when they had three applications for every girl as soon as she was fitted for a place. When the Dowager Empress of Germany visited the half-time school of Norwood, the head-mistress declared that she had the greatest difficulty in meeting the pressing applications for girls for good places. And there can be no doubt that many will be carried from them who would have been left with the helpless insane. The late distinguished inspector of schools in Ireland, Sir John Lentaigine, declared that the system, if duly applied, would beneficially change the character of a nation. Lord Shaftesbury has put it on record that the mothers of the factory children in Lancashire had declared to him that the half-time system of school and

work had made their children as of another race to them. And this, too, is practicable at a reduced charge from often using the same school buildings for double sets the same day to accomodate industry, as they are finding out they may do in the colonies. And this may be done for £1 10s. per head, with a superior physical training, as against £2 5s. per head, the charge of the long time board schooling. School teachers have declared that if they were left to their own devices as to classification, they would save three years of school life to every child, and that with a superior physical training which can be got at no time afterward. This will effect the abolition of the 'snail's pace,' and will make the school the happy assemblage of the millions of children during the first days of their life.

What may be further attained by a combination of more effective work of the sanitary architect, with better sanitary inspection of schools and places of work, by the local health officer, with the aid of the sanitary inspector, it would, appears to me, be ascertained by what I have called a close clinical examination, carried out by a competent specialist, as was done with great advantage for Brighton.

The selection of emigrants is now a subject of much consideration, but it may be submitted that one great object would be to ascertain the sanitary fitness of the locality to which it is proposed to send the emigrant, as for example, that it is not one where the chances of death from phthisis are doubled, or one where, of the children born, more than half will be in their graves before their fifth year—common conditions in some places to which emigrants and their families are now sent.

The orphan children in the district half-time schools are, in a large proportion, the children of hereditary vagrants, medics and delinquents. Our experiences now display a considerable reduction from them of juvenile delinquency, and enable us to declare that if children of these classes were given to us from very infancy they need be vagrants and delinquents no longer but honest and productive citizens.