

sheets of water; effect of vegetation; soil in town and country; natural drainage of subsoil; artificial drainage of subsoil; local elevation; aspect with reference to sun and winds.

*Water Supply and Distribution.*—Wells, causes of pollution and means for their prevention; constant and intermittent systems; cisterns, material and construction, position and cleansing, separate cistern supplies for closets; domestic filtration of water; distribution of water in schools and public buildings; provision for cleansing drinking vessels.

*Furnishing.*—Seats and desks, slopes, adjustments; teacher's platform; books and printing; color of walls.

*Lecturer:* J. Osborne Smith; F.R.I.B.A.

*Planning of houses.*—

*Warming.*—Of halls and corridors, lavatories, class-rooms, etc.; by stoves, hot water, hot air, open fireplaces; effect of radiant heat on atmosphere and health; position of open fireplaces in class rooms; time occupied in warming a room, including the walls and furniture; fire screens and guards.

*Lighting.*—Natural: position and size of windows, with regard to ceiling and floor; how light should fall on occupants of a room; artificial; purposes to be considered, method, arrangement of lights, shading, pavement lights for passages, etc.

*Ventilating.*—Quality of air; amount required; floor space and cubic space required; renovation of air; organic impurities; ventilation of buildings, of class rooms occupied, of corners where air stagnates; mechanical ventilation, propulsion, and extraction; consideration of the daily use of the different parts of the building; a practical demonstration will be given at a school building.

MICHAELMAS TERM.

5 Lectures on Education.

*Lecturer:* Miss H. Robinson, B.A.

HYGIENE IN EDUCATION.

Healthy Mental Life and its Physical Conditions—

(a) Efficiency of the Nervous System as determined by sufficiency and quality of Blood Supply. Connection of this with air, exercise and nourishment.

(b) Efficiency of Special Sense Organs as determined by congenital peculiarities, exercise and surroundings

Detailed consideration of these Conditions of Healthy Mental Development at different stages of growth.

1. During first three years of life.

2. During kindergarten stage.

3. During subsequent stage of school life.

Special opportunities of development afforded by circumstances of each stage, and special attendant dangers.

8 Lectures on Infectious Diseases and Disinfection.

*Lecturer:* W. C. C. Pakes, D.P.H. Camb., F.C.S.

Lecture 1.—General Diseases and Conditions incidental to School Life, their Causes and Effects.

Lecture 2.—Infectious Diseases: their nature and history, and means of prevention. Tuberculosis, Diphtheria, Scarlet Fever.

Lecture 3.—Infectious Diseases—Chicken Pox, Measles, Whooping Cough, Mumps, Ophthalmia, Small Pox, etc.

Lecture 4.—Law and procedure relating to Infectious Diseases.

Lecture 5.—School Accidents.

Lecture 6.—Demonstration at Bedford College upon School Accidents.

Lecture 7.—Disinfectants and Disinfection.

Lecture 8.—Demonstration upon Disinfection.