

I cannot do better than add the circular sheets issued by the Lancashire County Council in relation to their agricultural work, showing the classes and arrangements made:—

THE COUNTY COUNCIL FOR THE COUNTY PALATINE OF LANCASTER.—TECHNICAL INSTRUCTION COMMITTEE.

SCHEME of AGRICULTURAL EDUCATION, to be carried out at the County Council Farm, Hutton, the Harris Institute, Preston, and in Various Parts of the County, during 1897–98.

THE COUNTY COUNCIL FARM, HUTTON, NEAR PRESTON.

*Resident Staff.*—Directress and matron, Miss Macqueen; head teacher of dairying, Miss Macqueen; assistant teacher of dairying, Miss M. Knowles; bailiff, Mr. J. Winder.

*Visiting Staff.*—Lecturer on agricultural chemistry, A. J. Cooper, B.A., B.Sc., F.C.S., principal of the School of Agriculture, Harris Institute, Preston; lecturer on agriculture, J. R. Campbell, B.Sc., agricultural lecturer at the School of Agriculture, Harris Institute, Preston.

*Dairy-school.*—Residents of the Administrative County of Lancaster, over fifteen years of age, and approved by the Committee, can receive a thorough training in the theory and practice of butter- and cheese-making (also in bread-making and poultry-keeping), and be boarded and lodged free of cost, at the County Council Farm, provided they remain for a period of not less than eight weeks, and comply with the conditions laid down by the committee. Pupils will also be received for a shorter term, if vacancies occur, on payment of 7s. 6d. per week, and subject to the same conditions.

*Experiments.*—A variety of manurial, feeding, and other experiments are conducted at the farm, under the direction of the lecturer on agriculture at the Harris Institute, Preston, and demonstrations are occasionally held, of which notice is given through the press and by handbills.

*Poultry.*—Several kinds of poultry are kept, both pure and first cross, for egg-production and for table purposes; demonstrations in poultry fattening and trussing are given on Friday afternoons during the season.

*Milk-testing.*—Samples of milk can be tested for butter-fat at low fees; apply direct to the head teacher of dairying, at the farm.

*Visiting-days.*—The public are invited to visit the farm on Thursdays and Fridays, between 8 a.m. and 4 p.m.; admission by ticket, to be procured at the County Offices, Preston.

HARRIS INSTITUTE, PRESTON.

*School of Agriculture.*

Principal, A. J. Cooper, B.A., B.Sc., F.C.S.; agricultural chemistry, A. J. Cooper and J. R. Campbell; assistants, J. B. Coppock and D. E. Bostock; agriculture, J. R. Campbell, B.Sc.; veterinary science, C. Blackhurst, M.R.C.V.S.; agricultural book-keeping, J. C. Forrester, C.A.; mechanics and steam, R. Pendlebury; land-surveying, F. E. Dixon, A.M.I.C.E.; preparatory work, J. H. Brittain (Lond. Univ.).

A systematic course of instruction in agricultural chemistry, the principles and practice of agriculture, veterinary surgery, book-keeping, steam and mechanics, and land-surveying will be given at the School of Agriculture, at the Harris Institute, Preston, during the session commencing on the 4th October, 1897, and ending on the 29th April, 1898. The object of this school is to prepare youths for the practical work of a farmer's life, by instructing them in the principles which underlie farming operations, and demonstrating, in the lecture-room and on the farm, modern and scientific methods of agriculture. The full course of instruction extends over three winters, the students being divided into three classes:—

1. *Preparatory Class.*—This is intended for boys who are a little backward in general education, and who, in addition to attending the more important lectures of the junior course, will receive instruction in arithmetic and English composition.

2. *Junior Class.*—These students take the first year's course, which includes lectures on practical agriculture, but is for the most part devoted to teaching the elements of chemistry, physiology, and mechanics. This will enable them to take full advantage of the more practical work of the senior course.

3. *Senior Class.*—These students have either taken the first year's course, or otherwise possess a knowledge of elementary science. Their time is devoted to learning how the science which they have acquired as junior students may be applied to general farm-work.

The instruction is free, and in addition the County Council allows a sum not exceeding 10s. per week, either for board, lodging, or for travelling-expenses, to each student in full attendance, not being a holder of a senior or junior agricultural scholarship, who fulfils the conditions laid down. Students must be over fourteen years of age, and be residents of the Administrative County of Lancaster, or of the County Borough of Wigan. Arrangements will be made for students to visit the County Council and other approved farms, accompanied by Mr. J. R. Campbell. Students will be at liberty to attend appropriate evening classes at the Institute, without fee, conditionally on their making the required attendances and sitting for examination under the Science and Art Department. External students are also admitted to any one or more classes at special fees.

*Miscellaneous Work in the County.*

*Migratory Staff.*—Agricultural lecturer, J. R. Campbell, B.Sc.; teachers of butter-making, Miss M. Brown and Miss M. E. Sheedy; teacher of cheese-making, Mr. J. Gornall; poultry lecturers, Mr. E. Brown, F.L.S., and Mr. Thomas Carr.

*Agricultural Lectures.*—The Joint Committee will consider applications from local committees, agricultural societies, or farmers' associations, for a course of lectures by Mr. J. R. Campbell (not