

wayfarer to lend a dime (to buy a drink). However, many of the older people of the place, had a profound admiration for the man, because he readily sputtered out a few Latin sentences. It is astonishing, almost unbelievable, yet such was the case. A person might have acquired talent to solve mathematical problems, or acquired a start in composition or literature, yet he would attract no special notice. But only patter out a few sentences in Latin

Note also the faculties brought into play—the sense of feel and touch in handling the apparatus and feeling the heat produced by the re-action of the acid, the sense of sight in noting the changes of color of the milk, from light to dark brown. Accurate seeing is demanded in making exact readings, and from these readings accurate calculations are necessary, and the necessity of accurate calculations are brought home to the students, because they see



Practical Dairy Tests in Schoolroom Laboratory.

and you excite the admiration of the crowd.

To illustrate more fully what I mean by *the practical* in education, let me refer to the accompanying illustration, which shows a class of girls carrying on the Babcock test for butter-fat in milk. They are using no books, they are dealing not with what some one said about things, but with the things themselves. As a means of education merely, that is for mental improvement only, this exercise can surely be at least equal to that provided by a lesson in grammar.

the importance of the result. I have known students give answers so immensely absurd, that one might wonder in regard to the sanity of the individual, if it were not for the fact that the student failed to grasp even the elements of the relationship. The thing had no meaning. In a fairly arranged problem regarding the value of the milk produced by a cow in the month of June, answers were received giving a sum as high as \$309,000.00. The pupil did not appreciate the problem. It had

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