TIME TO THINK
MORE ORIGINALITY NEEDED

ACCORDING to the T. C. A. blottor, it is what we do above our noses that makes us either a success or failure. This is the fact, out of the Institute. This is certainly a recognized fact among the faculty, but still the propensity is toward work which requires more ability and deeper thinking, more note-taking than report writing, and in general more memorization than creative thought. The average freshman when he arrives in the fall is full of ideas, hopes and ambitions, but by the time Field Day has arrived he can't even think up a novel way to squelch the Sophomores who are even more audacious than he.

Outside activities seem to be the only place where undergraduate ingenuity is shown at all, and even then, when good ideas are truly needed. The men at Tech are to blame; they are chosen from the top of a thousand different classes. The system that prevents them from applying their mind even to their studies is to blame. A way through this morass was suggested last year by Professor Wolff of the Physics Department. His model of courses would be composed solely of three or four basic studies leaving the student free of the rest of his time to investigate his interests in the light of his increased understanding. Without any serious drawbacks for some of the students, it certainly would give us time to think.

Man don't come here thinking Tech is a country club either. They go to school and spend four years of their lives in memorizing things they won't know how to apply when they graduate. True enough, Senior subjects are broad enough to show the student's brain has been loading as far as individual thought is concerned. Many of our courses consist of copying the professor's lecture notes and being able to quote formulas, or memorizing which formulas go with which type problems, and then using those formulas to get answers. These are not really mean, or solving complex equations by routine but time-consuming mathematics. Technology men need to get away from the highly detailed worm's-eye-view occasionally and get a comprehensive view of both their own fields and the interrelation of other fields. They must learn to think more and to be original. They really need to get out of their normal routine "grind", more time for original work.

STUDENTS WILL USE ATHLETIC FACILITIES

RESULTS of the gymnasium drive as announced last night show that about 70 per cent of the students at Technology have put into their budget from which new recreational facilities will evolve. This is twenty per cent of the "ninety per cent by Field Day" toward which the Drive Committee worked so energetically and shows that a narrow proportion of the students at Technology believe that such a recreation project is worthwhile.

Substantiating this belief are the results of an informal questionnaire which The Tech has been conducting among a cross section of students for the last two weeks. Out of nearly twenty people approached by The Tech reporter, only two maintained that the increased new facilities would not attract them to extra-curricular athletic activity. It must be borne in mind that for the larger part of the answers came from students who do not now participate in sports.

Making due allowance for impulsive statements which will not be fulfilled, one must still say there is a general approval of opinion favoring the new athletic program. If the trend apparent in the "The Tech Inquirers" column continues, the consciousness of students, feeling, more than 600 students now inactive in extra-curricular sports will flock to the future athletic installations, especially to the proposed swimming pool.

It is interesting, too, to examine the statements of those students who asserted that they would not enroll their sports interests. The reason for the apparent lack of enthusiasm lay for the most part in the fact that the Technology program of studies leaves little leisure time for indulgence in musculature.

Undoubtedly this is true, Science and Technology are jealous mistresses and full devotion to them precludes fruitful participation in any other major interest. But the new facilities are especially suitable for those who care less about these "non-academic" activities but want to take time per day on some organized sport. The new facilities will afford a swimming pool for use day and hour now and then, and handball courts for a game before dinner, tennis courts that will be used before and after hours. They are received from the randomly chosen Technology men whose opinions are quoted in today's "The Tech Inquirers" column. If students here are cognizant of these facts.

Now it remains to raise the huge sum of money necessary to make this possible. Even if all Technology students contributed twenty-five cents per day, the total would be appreciable compared with the $1,650,000 needed. But at least if we all pledge something—perhaps more than twenty-five cents—the largest share will know that a gymnasium is really wanted by Technology students.

THE TECH--Inquirers

Questions: Do you think your athletic interest in sports will be stimulated by any new facilities of the recreation project.

This is the second in a series of questionnaires presented to Technology students in an effort to determine their interest in athletics and whether they believe that the Institute can do anything to encourage participation. The questionnaires presented to Technology students in an effort to determine their interest in athletics and whether they believe that the Institute can do anything to encourage participation.

Garden A. Faldigriff, '39

-Up until now I give athletics all the time I can afford to.

Peter J. Ferris, '40

-Rather than to a certain extent; but I will have only so much time as I can get to spend on athletics.

H. K. Sedgwick, '39

-Don't really want to try the rifle range.

Fortunato M. Gatti, '40

-Yes, the swimming pool appeals to me about equally.

William Pettey, '40

-Minor. I think, for the new arrangement will centralize athletics and make them more accessible.

Frank Butlet, West St., Malden

-I think so, for the new arrangement will centralize athletics and make them more accessible.

Richard M. Connolly, '40

-Minor. I think, for the new arrangement will centralize athletics and make them more accessible

RESEARCH AND INVENTION:

Henri Poincare--Pioneering the Global Mathematics

Henri Poincare (1854-1912) was a French mathematician, physicist, and philosopher of science. He was a leading figure in the development of modern mathematics, particularly in the areas of differential equations, topology, and complex analysis. Poincare made significant contributions to the theory of dynamical systems and the study of chaos.

Poincare's work on the three-body problem in celestial mechanics laid the foundation for the modern theory of chaos and the study of dynamical systems. His work on the topology of three dimensions, now known as 3-manifolds, was a precursor to the modern field of geometric topology.

Poincare also made important contributions to the philosophy of science, particularly in the areas of the nature of mathematics and the concept of time. His views on the nature of mathematics were influential, and his ideas on the nature of scientific truth and the role of intuition in mathematical discovery are still debated today.

Poincare's legacy is immeasurable, and his work continues to inspire new generations of mathematicians and scientists. His ideas continue to be studied and built upon, and his influence is evident in many areas of modern mathematics and physics. His work on the nature of mathematics and the concept of time continue to be studied and debated, and his ideas on the nature of scientific truth and the role of intuition in mathematical discovery continue to be influential.