

From the Office of Public Relations
Massachusetts Institute of Technology
Cambridge 39, Massachusetts
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FOR IMMEDIATE RELEASE

(Note to Editor: The tour will assemble at 1:30 p.m. at the main desk, east parallel, East Campus dormitory, 3 Ames Street, off Memorial Drive. Students will be on hand to direct photographers.)

Thirty 10-year-old boys from Boston will tour the Massachusetts Institute of Technology Saturday, (February 10) as guests of M.I.T. students, to see sights ranging from a script-writing computer to a ship model towing tank.

The young visitors, members of the three Boys' Clubs of Boston, Inc., will take a first-hand look at science and engineering under the guidance of students from the fifth floor of an East Campus dormitory, where an ice cream party will conclude the afternoon's events.

The Boys' Club youngsters will watch computers punch their names on IBM cards, view an exhibit of scale models of history's most famous ships, take the controls of the Tech Model Railroad, and visit the student radio station, WTBS-FM.

In a chemistry laboratory they will see the classic and spectacular thermite reaction in which, with a flash of incandescence, powdered iron ore is changed to molten iron. Dr. E. Lee Gamble, associate professor of chemistry, then will demonstrate tensile strength by mechanically stretching an iron bar until it breaks.

With the TX-0 computer they will play three games--"mouse and maze," tic-tac-toe, and a three dimensional tic-tac-toe called "cubic." The human opponent plays directly on TX-0's display screen and the computer responds almost simultaneously with its own move. If the boy wins, the computer will flash its programmed congratulations; if he loses, the computer will apologize.

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10 yr
old boys
tour

M.I.T. Tour--2

The idea of providing the opportunity for grade school children to participate at least to some degree in the working world of science and technology originated with the host group of M.I.T. students. Plans materialized with the help of Louis Zeramby, assistant executive director of Boys' Clubs of Boston, Inc.

The tour for the Boys' Club members, although independently organized by East Campus students, is one of many service projects performed by M.I.T. students, ordinarily under the sponsorship of Technology Community Association and Alpha Phi Omega, Scouting service organization.

Through T.C.A. and APO programs students take part in community work such as athletics for settlement houses, tutoring of high school students, and outings for children in mental hospitals.

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February 7, 1962