

TECHLETS

The tots in the red caps and MIT-shirts aren't scientists, yet. They're members of the Institute's first summer day camp, started this year by the Athletic Department and coach Al Sotir. Some 39 campers, offspring of faculty, staff and employees are attending the opening session; a maximum of 53 expected for the total season (June 22-August 14).

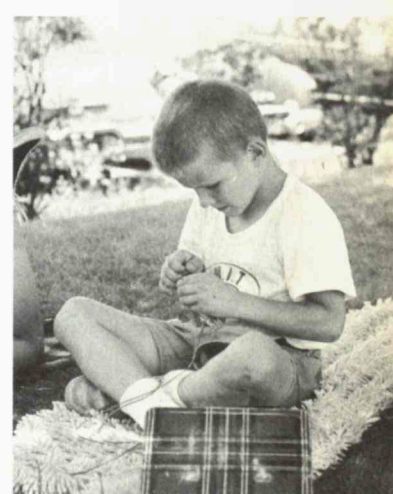
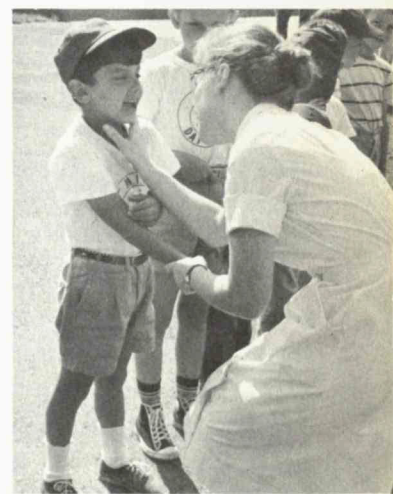
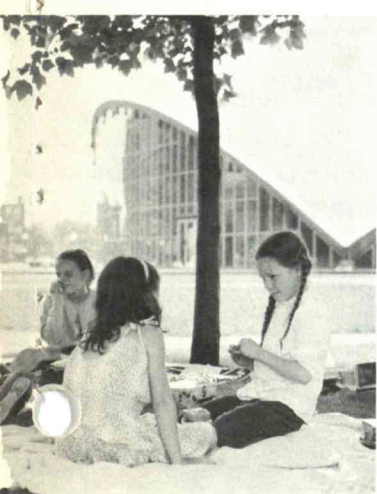
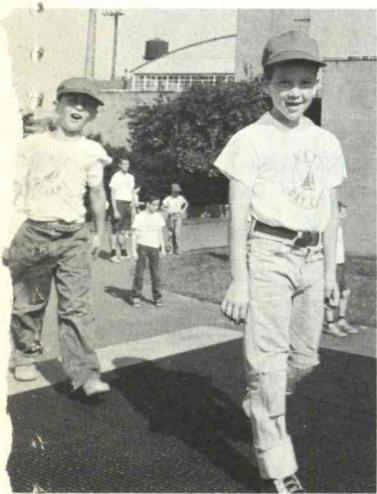
Every clear morning the campers can be found at 9 on the dot holding their flag raising ceremony between Kresge and Briggs Field House; and after the nurse's inspection for sore throats, measles, etc., are off to a full day. Divided into senior and junior groups -- ages 9-12 and 5-8 -- they generally keep these divisions in their activities: archery, riflery, leathercraft, swimming, painting, golf, tennis, baseball, sailing and group projects; the latter decided on quite democratically by the youngsters involved.

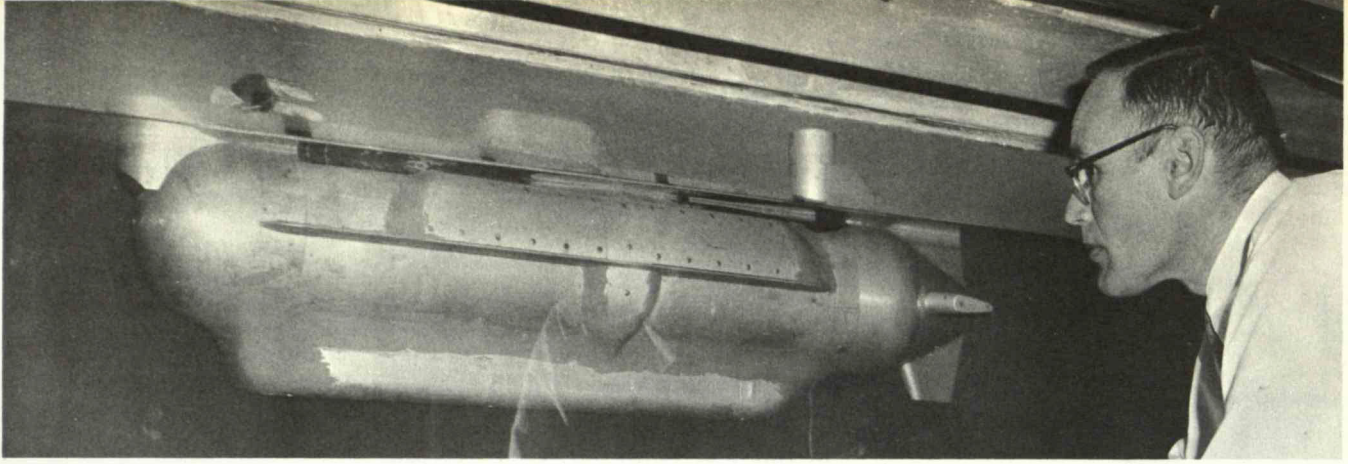
Guiding the bevy is director Sotir, nine counselors who are well-trained high school and college students, an arts and crafts teacher, the MIT sailing master and rifle instructor.

As for the campers themselves, they buzz from one end of the Institute to the other, and not even rain dampens their spirits. Opening day weather (and some since) drove exercises into the Armory, where campers toed the line for inspection. Al Sotir recalls one astute youngster who, standing on a chalk line behind the others, noted, "If this is going to be a race, it isn't fair."

Among the campers' special equipment are tot-sized golf clubs, designed to protect the turf from powerful swings; and when the monsoon season ends, there may even be a junior putting green near Kresge Auditorium.

To be continued next year, if all goes well, the MIT Summer Camp offers a marvelous opportunity for tadpoles to use Institute facilities with excellent supervision and training.





Prof. Mandel gets guppy's view

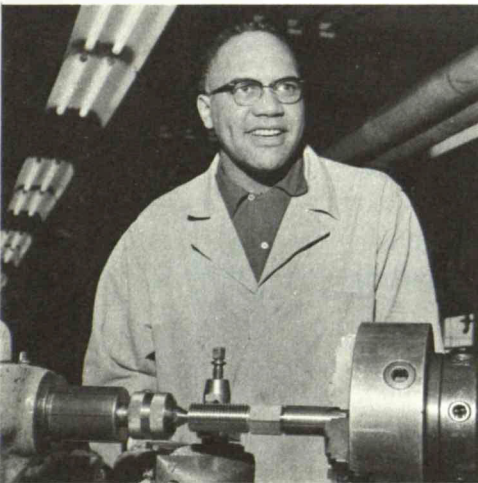
DEEP BLUE SEA

She won't plunge down quite a league, but Captain Nemo would love the Aluminaut anyway. Here for a few weeks stay in the towing tank, the Aluminaut is a 49-inch model of a pioneer submarine, the first ever made of aluminum. Able to withstand sea pressures with minimum thickness of material and maximum buoyancy, this ship will submerge to 15,000 feet -- 25 times deeper than combat subs.

Two years ago, Dr. Edward Wenk, Jr., of Southwest Research Institute in San Antonio, Texas, popped up with this idea; called on his friend Prof. Philip Mandel (Naval Arch). "Wenk's a terrific operator," laughs Mandel. "He phoned me about this, and when I flew into Idlewild, we discussed it for two hours right there." With three other designers, Dr. Wenk and Prof. Mandel convinced the Reynolds Metals Co. to foot bills for the "beast."

Not meant to challenge speedy sisters like the Nautilus, Aluminaut will be used for oceanographic research with a crew of one pilot, two scientists and two tons of instruments to observe minerals, animals and sound transmission in the briney. When she's finished next year Aluminaut will be 49-feet long, with a 6-inch thick cylindrical hull and hemispherical ends. Propelled by an electric motor, she will cruise at a dignified 4 knots, and hover through the efforts of a vertical topside motor.

Getting down to business will be easy for Aluminaut. First towed by a mother ship to her starting point, she will descend by means of salt water ballast in large tanks; then adjust her buoyancy by juggling iron shot. And once in the deep, passengers will be able to return the stares of curious fish through lucite windows in the hull; and see others on a special TV set. Outside the sub: special floodlights and two long mechanical arms, designed to grab likely specimens and stow them away below. When it's time to come up, economical A will merely slough water and iron shot from her hatches and in case of real panic, heave over 7,000 lbs of steel bar attached to her hull.



From Leesten to Lester

NEVER A BLOW THAT WAS LOW

Most days he can be found in the basement of Building 20, machining bubble chambers for the Lab for Nuclear Science. But time was when Hendrik van Leesten pulled on his gloves and slugged away in the ring.

Starting his career in Providence, R.I., Henry had six professional fights on the record, plus several years at Providence College, studying liberal arts. He came to Boston in 1940, first worked across the street from MIT with Prof. Arthur C. Ruge in the halls of a one-time bowling alley (now WGBH). Prof. Ruge ran a company which produced strain gauges, and Hendrik made the instruments containing them; then proceeded on as supervisor with the Baldwin-Lima-Hamilton Company.

Not content to spend his weekends relaxing, however, the doughty van Leesten switched to amateur standing (with the alias Henry Lester) and took on a fight in Brockton. His opponent in the hallowed hall of the Ancient Order of Hibernians: a local boy by name of Rocky Marciano. This, Rocky's sixth fight, was no forecast of things to come. Thrashing wildly around the ring, he stood Henry's punches, and planted none of his own. In the third round, recalls Henry, "Someone yelled, 'if you can't hit him, Rocky, kick him.'" Whereupon Rocky kicked, and so did the referee -- ending the fight in Henry's favor.

One of three who defeated Marciano in amateur fights, Hendrik has given up the sport, now sells Stanley Home Products in his spare time. Grins he, remembering his conversation with Rock's manager, "I told him'gee, if he knew anything, he could be world's champion."

SISTER SAN

Those "tiny, little tea leaves" were put to use in Boston. And at MIT the Japanese delegation made a quick trip to the Computation Center. Here for a week as part of a "people to people" cultural mission, some 30 inhabitants of Kyoto were staying at the Sheraton-Plaza, and sponsoring demonstrations of brush painting, judo, flower arranging and tea ceremonies.

Kyoto was the ancient capital of Japan, and because it is regarded as Boston's cultural counterpart, declared us a "sister city"; sent its dignitaries, plus a tea house -- to be reconstructed at the discretion of city fathers.

On their way to explore a Stop and Shop and Harvard, Mayor Takayama and some nine others were greeted by Gen. James McCormack and Dr. and Mrs. Ken-ichi Hirano of the Metallurgy Department.

One plainclothesman, escorting a tiny, kimonoed lady within range of the photographer, declared, "She's very shy -- in Japan the women always walk behind the men." His charge: Miss Hatsuko Nakana, director of Japan Plastics Ltd., and conciliation commissioner of the Kyoto family court.



Kyoto meets computer:
Misses Nakano (left) and Miwa

HERE AND THERE

On the docket of new appointments for the coming year:

Mrs. James C. Hopkins, Jr. -- Executive secretary this spring for the Sloan fellowship and senior executive convocations, she will serve as administrative assistant to Dean E. P. Brooks of the School of Industrial Management; will be liaison in secretarial-personnel affairs.

Nelson C. Lees -- A '53 graduate of the School of Industrial Management, Mr. Lees is serving as assistant to the director of public relations. He will be editor of the MIT "Observer" and is a host of the "Science Reporter" program on WGBH-TV.

Ryburn M. Ross -- Having come to MIT from the U.S. Naval Training Center at Port Washington, N.Y., Mr. Ross has been executive officer of the Science Library, and will now be associate director of libraries.

Arthur L. Singer, Jr. -- For the past four years Mr. Singer has been administrative officer of the Center for International Studies. New position: assistant dean of the School of Humanities and Social Science.

Richard L. Snyder -- Previously science librarian at Indiana University, Mr. Snyder will hold the same position at the Institute.

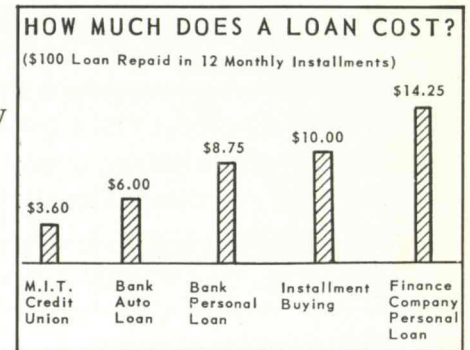
William T. Struble -- A science reporter and former French instructor, M. Struble has just completed the fellowship program at Columbia for science writers. As assistant director of public relations, he will be in charge of MIT television programs.

Some weeks ago, Kresge's Little Theater was the scene of a lively competition, hosted by the MIT Community Players for the Little Theatre League of Massachusetts. An annual affair of one-act plays, the competition is open to any of the League's 30 members; also features panel discussions on directing and set design.

Last year's winner MIT passed on its trophy to the talented Concord Players; are now busy rehearsing their next production: a staged reading of "Under Milkwood" to be given July 7 and 8 in the Little Theater.

Change of Name Department: The Servomechanisms Research Laboratory of electrical engineering, is now the Electronic Systems Laboratory. And the School of Humanities and Social Studies announces it is now the School of Humanities and Social Science.

The MIT Credit Union, now blossoming with approximately 3,650 members, has raised the limits on shares. Previously held to 400 shares for a single account (\$2,000 savings) and 800 per double account (\$4,000), the ceiling is now 1000 shares for each single (\$5,000) and for double accounts, 2000 shares (\$10,000). Last CU dividend was 3.6% -- unbeaten by any commercial institution in the Boston area -- and the organization promises to save money for its members.



FOR SALE ETC.

GE 30" range complete with grill and meat thermometer. Fairly new, best offer. NO7-562.

Karlson 15" hi-fi cab. Also Electrovoice 12 TRXB spkr. Best offer. Napier, Ext. 40294 or MI8-9566.

Oak Ridge products: 4 test instruments in case. Hv meter, CRT tester, signal generator, substitutions tester. Also a port Hickock dynamic mutual conductance tube-tester, model 600, like new. \$135 or best offer for lot, will sell separately. A. Kyracos, Ext. 5455 (Linc).

Furn: 2 beds, box springs, mattresses, legs, 9 x 12 lt green rug, dropleaf table, coffee table, chairs, other pieces. Reasonable. CA7-0319 (evgs).

Maple K set with 4 chairs. Good cond. \$15. AV2-4699.

2 Persian kittens, black. 1 male, 1 female. \$15 each. MI3-1909.

Fine furn in perf cond, very reasonably priced. Heritage-Henredon Italian provincial BR set, matching fruitwood cocktail table and end table, TV set, formica-top D'ette table with 4 chairs, 12 x 18 ft beige nylon carpet, floor lamp, table lamp. Audrey, Ext. 155 or CO6-4987 (evgs).

Used port Smith-Corona typewriter, pica, exc cond. JohnHealy, Ext. 2935 or AS7-4206 (after 6 p.m.)

14' runabout with old 16 hp Johnson racing motor. Both for \$150. EL8-2418 in Wayland.

Lionel trains and accessories. Used, large assortment. Al Nelson, Ext. 624.

'54 Ford convert. V-8 engine, Fordomatic trans, R&H, dark blue, tan top, red and white upholstery. \$595 or best offer. LA3-1656 (evgs).

'55 Rambler station wagon, exc cond. R&H, ww's. Peter Anderson, Ext. 791.

'56 VW sedan in exec cond. J. Stickler, Ext. 324 or 509 (Lincoln) or KI7-9124 (evgs).

'58 Karmann Ghia convert. Black, white top, ww's. Blaupunkt radio, tonneau cover, 9,000 miles. Best offer over \$2,500. IV4-9477 (evgs).

'59 VW sedan, fjord blue. R&H, directionals, chrome fender guards, ski rack, Kyrill. 7,500 miles, perf cond. Reason for selling: gas tank empty, ash trays full. A. J. Erickson, Ext. 2224, Rm 3-264.

Furn apt in Arlington suitable for 2. Ht, hw, elec incl. Pleasant surroundings. \$85/mo. MI8-1325 (evgs).

Furn 3-rm apt 1 block from Hvd Sq. July 20-Aug 20. Ext. 2823.

Basement apt. Lg rm, K, hall, 4 closets, yard. Clean, redecorated. Gas, elec incl. \$100/mo unfurn, \$110/mo furn. 462 Marlborough St, IV4-5478.

Furn 4-rm garden apt to sublet Aug 15-Sept 20. Ideal for children, use of washing machine. \$25/wk incl utils. Ext. 3322 or WA4-2872.

New 1-rm furn apt, Newbury St. Knotty pine interior. \$80/mo incl utils. Year's lease. CO7-1214 (evgs).

Furn 2-rm apt avail. Conv location near Hvd Sq. \$75/mo incl utils. Ext. 3706.

Unfurn, ultra-mod apt in Norwood. BR, LR, B, K, wall-oven, garb disposal, new building. Avail Aug 1. \$120/mo. Ext. 2792.

6-rm unfurn apt, Malden. B, shower, screened porch, elec stove, cab K, closet space, cont hw, ht, garage space. Avail Aug 1. Residential, bus line. \$125/mo. NO4-4304.

Nicely furn 6-rm apt with B, shower, screened front porch, elec K (stove, refrig, washing machine), cabinets, cont hw, ht, large pantry, dishes, silver, utensils. Owner pays part of elec bill. Children, but no pets. Malden, avail now. NO4-4304.

Air-cond ultra-mod apt, 33 Gloucester St, Back Bay. Lr BR, K, B, furn. July 1-Sept 15, lease thereafter. \$80/mo or 5% commission for info leading to rental. Ext. 549.

Mod unfurn apt near Harv Sq. 2 BRs, K'ette, new appliances with disposal. Ext. 2119 or KI7-8485.

Nicely furn, 5-rm cottage on exclusive nearby lake. All conveniences, sleeps 5, avail last 2 wks July or first 2 wks in Aug. \$65/wk. Ext. 2809.

5-rm furn house in Lexington to sublet from mid-Sept '59-Feb '60. \$125/mo, ht and utils incl. Price, Ext. 5346 (Lincoln) or VO2-7426 (evgs).

8½ rm single in quiet residential area. 2 full B's, screened porch, 1-car garage. Fresh Pond section of Cambridge (Larchwood Drive), handy to MIT by private or public trans. \$39,000. Owner, KI7-3277.

6-rm house in Belmont. \$18,000. Extra lot avail, \$4000. Mr. Stein, Ext. 2197 or IV4-1392.

N. Billerica duplex, 6rms each side, good cond. 5 min to trains, school, church. Income \$72/mo. Asking \$12,500. Craig Baker, Ext. 7141 (Lincoln) or MO3-4046.

Lovely mod 3-BR ranch home, Monadnock mt range, Zephyr Lake, Greenfield, N.H. Comp equipped, good boating, fishing, swimming. \$90/wk. VO2-7204 (evgs), or contact Mr. Wesley Tyrrell, Zephyr Lake, Greenfield, N.H.

Dutch colonial. Lg fp'd LR, family DR, cab K, 3 lg BRs, tile B, finished attic. Screened porch, lg shaded yd with fp, garage. Storm windows, screens, weather stripping insulation. Low assessment. Near schools, churches, convenient to MTA. Off Rte 2A in Arlington. \$17,900. MI8-5989.

FREE: upright piano, painted white. Sheldon Sandler, Ext. 5516 (Lincoln).

Wanted: Someone with the facilities to move a piano. Miss S. Whitney, Ext. 2701 or TR6-4990 (evgs).

Wanted: Inexpensive .22 rifle. Also K cabinets. Ext. 3210 or EL4-4850 (evgs).

Wanted: Apt or house for minister, wife, 2 small children in Cambridge or Arlington. 2 BRs, K, LR. \$100/mo or less. Jane Coe, Ext. 342 (Lincoln) or CR9-2788 M.

Wanted: 1 seat on Harvard charter flight returning Sept 8 or 10, or MIT charter flight returning Sept 12. TR6-4161.

Wanted: Furn apt or house for British family with 2 small children, conv to MIT. Starting Sept for at least 1 yr. Ext. 3706.

Wanted: House with 3 BRs, fp for '59-'60. Children are school age. T. Rees, Ext. 537.

I am willing to pay \$100 a month to rent a car for July and Aug. John Lifsluitz, CI7-8574.

Wanted: 2 BR Sept apt within 5 mi of MIT. Will consider buying furn. Peter Wagner, Ext. 4107.

Wanted: Woman's bike. Tony Stratton, Ext. 3701.

Wanted: Used sewing machine. Lawrence Kravitz, Ext. 5421 (Lincoln).

Wanted: Girl to share 2-rm Beacon Hill apt, Sept 1. Second floor, separate K'ette, B, conv to trans. \$42.50/mo. Ruth Bostwick, CO6-5450 (days) or CA7-7158 (evgs, weekends).

Swiss girl would like to share apt with another girl starting Sept 20. 2 BRs, LR, K, B. Rent about \$60/mo. Sophie Weibel, TR6-4694 to Aug 1; Mrs. Sigourney, KI7-5044 after Aug 1.

Wanted: Girl to share 6-rm Harv Sq apt with 3 others until Sept 15. \$37.50/mo plus utils. EL4-7935 (after 6 p.m.).