



Mr. Rist's students examine the government documents which are a part of our freedom shrine.

But All These Guys Are Dead . . .

Bryon once commented that "history with all her volumes vast, hath but one page." There are many students who wish that this statement was true in a literal sense, especially when it comes time to read the daily assignment. Because history and related subjects don't hold the attention of the majority as well as, for example, a basketball game, teachers resort to "tricks of the trade" to rally support to their side.

Mr. Haig, who practically refigures the Civil War shot for shot, makes his U.S. History class interesting by his clever use of amusing anecdotes.

Filmstrips are the devices used by Mr. Barnes to give his students a clearer picture of Physical geography.

By relating his personal views and experiences to World History, Mr. Kunz helps his pupils to a better understanding of the countries of the world both past and present.

Economics, itself a fascinating subject for many people, is made even more so by Mr. Berg's dramatic voice and emphatic gestures.

History and Social Studies is more than just the learning of dates and facts. Through these courses students gain a better understanding of all people, their customs, traditions, and beliefs. A knowledge of past events can make for a more peaceful world tomorrow.



Busily preparing maps of Egypt is this group of World History students.



J. Bushendorf is pointing out a part of Mexican Cession to J. Hibbard as part of their classwork.



"You'll never get anyplace in this world if you don't THINK!!" counsels Mr. Berg forcefully.

ALLAN FRIEDERICH
B.S.

Math, Biology

HAROLD FRIED
B.S.

Math, Science, Athletics

HARRY GIBBS
B.S.

Science, Athletics



MARCIA JOHNSON
B.A.
Geometry

ARTHUR LUDVIGSON
B.S.; M.A.
Biology, Physics

H. T. LYSTRUP
B.S.
*Biology, Stamp Club
Adviser*

Standing, from left to right are: Mr. Lystrup, Mr. Torgerson, Mr. Gibbs, Mr. Martin, Mr. Ludvigson, Mr. West and Mr. Thorngate. Seated are: Mr. Novak, Mr. Friederich, and Miss Stainer.

Math And Science Faculty

ROBERT OSTERHUS
B.S.
Geometry, Math 12

ELLI OTTESON
B.A.; M.A.
*Math, Girl Reserves Ad-
viser*

MARIE STAINER
P.H.B.; M.S.
Biology

HAROLD MARTIN
B.S.
Sr. Science, Biology

JOHN NOVAK
B.S.
Biology, Athletics

ELLEN OLSON
B.S.
Math, Forensics

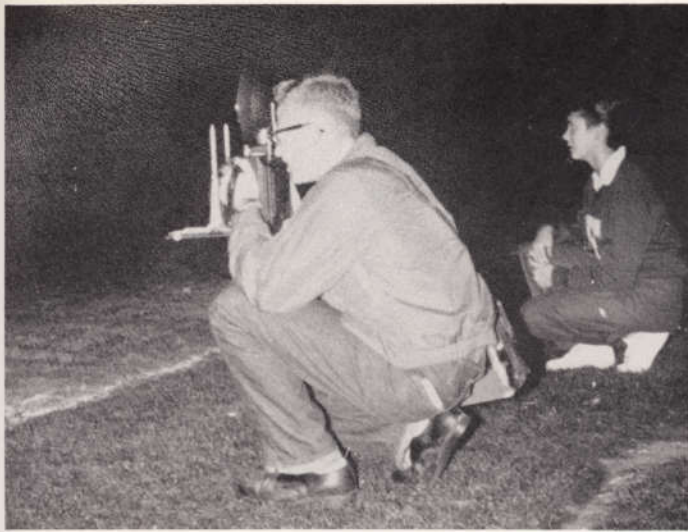


JOHN THORNGATE
B.A.
Vice-Principal, Physics

ORVILLE TORGERSON
B.S.; Ph.M.
Chemistry, Photography

JOHN WEST
B.A.
Sr. Science

Standing from left to right are: Mr. Fried, Mr. Friederich, and Miss Otteson. Seated are: Miss Johnson, Miss Olson, and Mr. Osterhus.



Dave Rude is taking a football picture while Mary Catlin watches the game.



The success of the game movies depends upon the skill of the boys in the crow's nest.

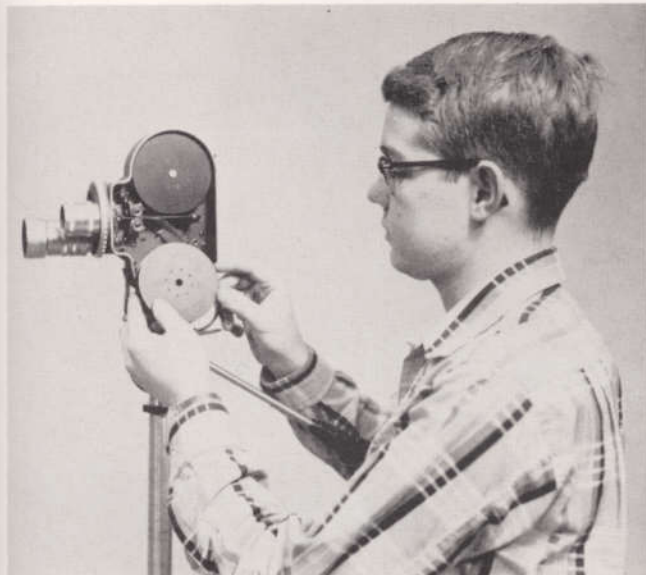
Shutter Snappers

The Photography Class will never be scared of the dark. They spend 1/4 of their working period in total darkness while developing pictures, 1/2 of their time in semidarkness while printing and enlarging, and 1/4 of their time in a lighted room while sorting pictures.

Among their various duties are taking pictures and movies of the games and supplying pictures of school interests and clubs for the News and Kodak.



Taking Kodak underclass pictures are Peter Anderson and helpers Joyce Lennie, Jean Ehleiter, and Barb Krewson.



Loading the movie camera, "ole reliable", John Long prepares to shoot movies of the game.



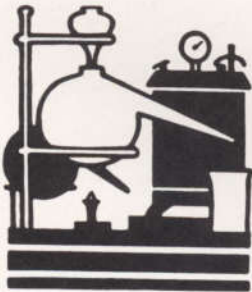
Barb Harmon and Barb Krewson are trying to capture some football action.



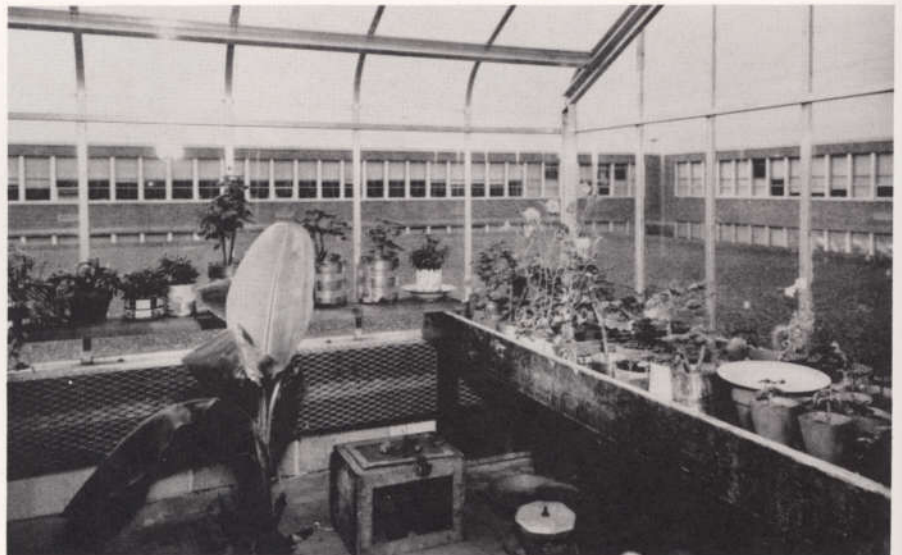
Mr. Lystrup is pointing out to his sophomore biology class exactly what makes a tree grow.



Here's to the future.



The Biology classes are anxiously awaiting the first fruit to appear on the banana tree, *center foreground*, that is growing in our school greenhouse.



For countless centuries the vast wastes of the universe have been unconquered by man. Half a century ago he didn't even consider it possible to cross great oceans of space and reach the planets. Today men not only consider it, they demand it.

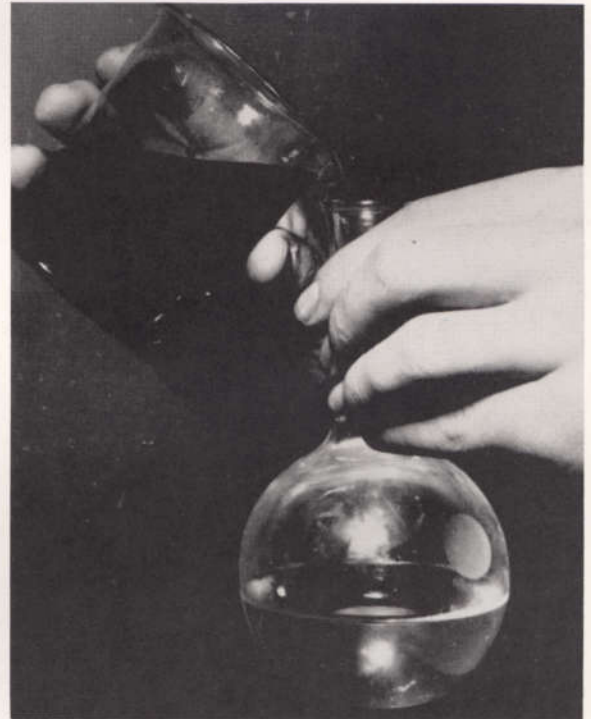


Mr. West is showing Mary Lane Luke, one of his senior science students, the procedure to follow when weighing compounds.

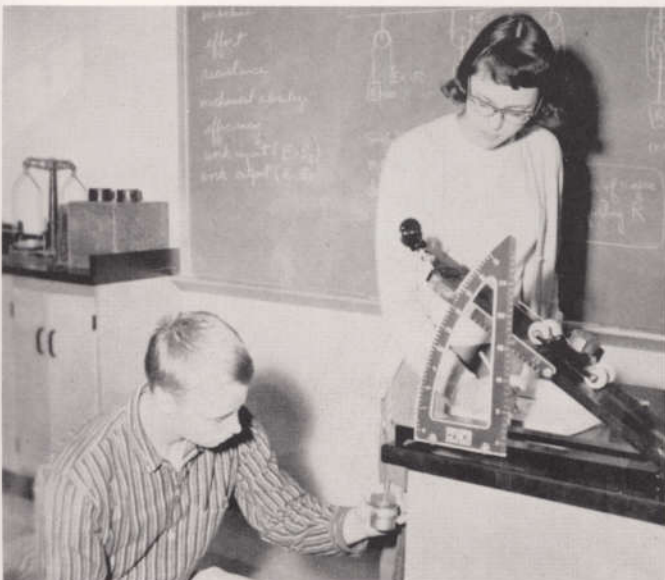
Fire Burn

And Calcium Bubble

Memorial High School's science courses are arranged in such a way that they help and guide inquiring minds toward an understanding of the universe. These students are destined to be the men and women who will chart the stars.



Fiction today — Fact of tomorrow.

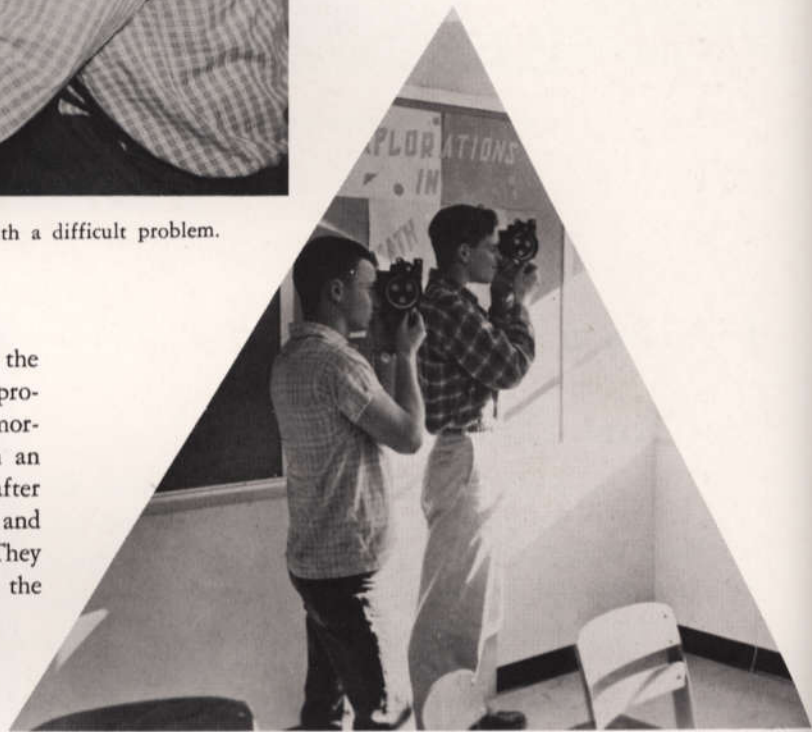


These physics class students are measuring the pull of gravity.



Shown here is Miss Olson helping Bill Hess with a difficult problem.

Wheels of progress are steadily turning as the students of the math classes grapple with that provoking "x". Math is the door to an even better tomorrow. The students of Memorial High are given an opportunity to unseal the entrance to the hereafter in general math, geometry, advanced algebra and solid geometry, and in trigonometry classes. They open the door and step over the threshold, the ulterior is in their hands.

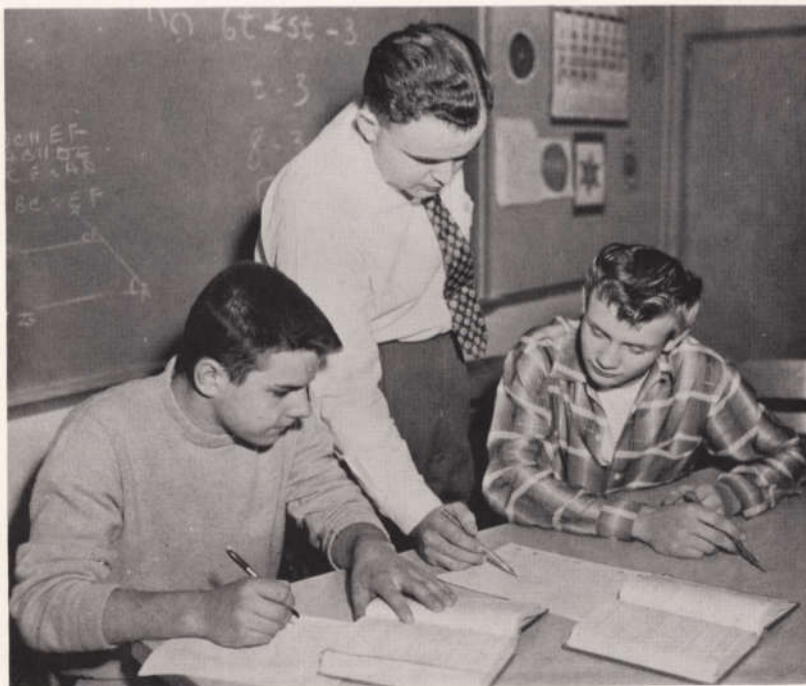


Larry Shaffer and Ken Taylor are working with surveying instruments in Trig class.

And still they gazed, and still the wonder grew.

That one small head should carry all it knew.

— Goldsmith



"Buzzy" Lenmark and Jon De Witz find that Geometry is made easier with the help of Mr. Fredrick.

For That Elusive "X"



Hard at work in trig class are R. Sphele, J. Rude, N. Decker, and S. Williams.



Mr. Fredrick assists Brenda Behlke with a troublesome problem.

Bon voyage! We are off on a trip through the mathematical department of Memorial High. Our grip is packed with the basic knowledge of general math and algebra.

Our first stop takes us to geometry where the students learn the fundamentals of proof and reasoning.

Next stop is intermediate algebra and solid geometry! It is at this point of our journey where we review algebra and stress skills in understanding geometry.

All out! The seniors have arrived at their final destination course in trigonometry. Good luck! We'll see you in the future.



*Learning without thought is labor lost;
thought without learning is perilous.*
—Confucius

Dave Hulett, Marcy Olson, Steve Dennis, and Karen Waterman exhibit their skills in making geometric shapes.



Pictured above are the Industrial Arts instructors: *Standing:* C. Vlcek, A. Cordes, C. Craemer, and E. Fish. *Sitting:* R. Adams, A. Burmiester, *Dept. Chairman:* L. Wisbroecker, and G. Rehm.

Guides To Industry And Homemaking



C. VLCEK
B.S., M.S.
Drafting

A. CORDES
B.S.
Agriculture

R. ADAMS
B.E.
Drivers Ed.

L. WISBROCKER
B.S.
Graphic Arts

C. CRAEMER
B.S., M.S.
Gen. Metals

E. FISH
B.S.
Fine Arts

A. BURMEISTER
B.S., M.S.
Woodwork

G. REHM
B.S., M.S.
Elec., Radio

A. RUSSELL
B.S.
Homemaking

E. REMOL
B.S.
Clothing

E. PETERSON
B.S.
Home Ec.

C. HAMMERSTEN
B.S.
Foods



Testing pancakes, under Mrs. Russell's supervision, are a few of the boys from the fourth period Chef class.



Helping Mary Lou Johnson fit her dress in Clothing class is Lynn Everson.

They Perfect The Fineries Of Living

To some people boys in Home Economics class would be out of place, but at MHS, boys seem to enter into the spirit of domestic arts cheerfully. Boys as well as girls enroll in Home Ec. to acquire skills and attitudes in making themselves better family members.



You can almost smell the pancakes Dick Schultz is preparing for the breakfast to which the faculty was invited.



Marilynn Johnson, Sharon Jevne, Karen Tweet, and Mary Lueck are not as interested in the old "egg riddle" as they are with cooking one properly.



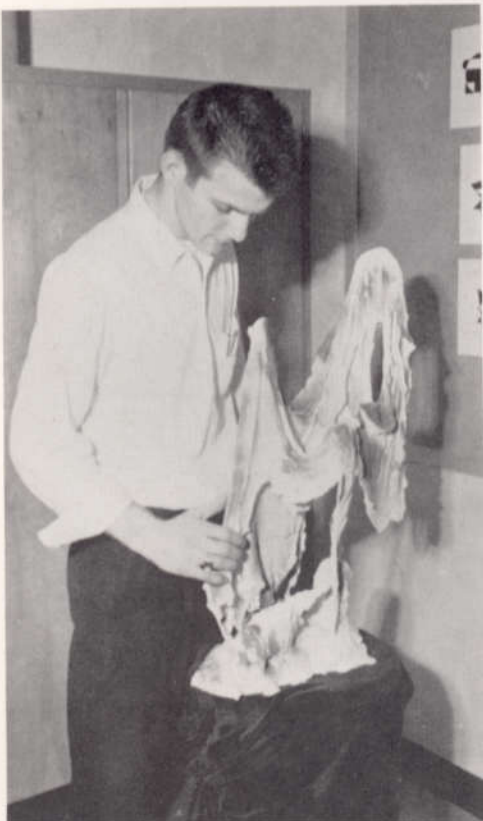
Constance Dean's silk screen print is admired by Mr. Fish, our art instructor, and Jeannie McCloskey.

Every Artist
Was First An
Amateur

-Emerson



Thomas Graham, a fourth year art student, sculpts a head out of a salt block.



Phillip Millward points out some interesting texture in his sculpture, *Metamorphosis*.



Thomas DeMars puts the finishing touches on his *Still Life with Bottle*.

In The Drivers Seat



Barb Yarrington is shown at the seat of power control. All responsibility for what her car does in traffic rests with her.



The position of the gears on a car is shown by our Driver's Training Instructor, Mr. Adams.



These safety posters recommend good driving advice as Keith Skoug points out to Janet Quigg and Jim Warden.



Buster Halvorson takes a vision test administered by a traffic officer while Joan McCann and Patricia Traaseth look on.

One of the most practical courses at Memorial High is Driver's Education. It is as important in modern living, as the study of the three R's. Mr. Adams, with student's cooperation, encourages the use of an automobile as transportation rather than a potential and costly weapon of destruction. This is practical training at its best.



In the printing department Richard Jarosch sets type for the school newspaper.



Observing radio wave forms are Collin Pitt, Roger Grimm, and Jon Case, in Mr. Rehm's radio class.

Have Tools, Will Toil.

The modern high school has been thought of as a community within a community. This idea is illustrated in the Industrial Arts Department where machines and crafts are used to benefit the student as well as the school. It offers a means of hobby and education for both the present and the future. For this reason; a justified allotment of the building fund was invested in this department.



Progress begins to show in woodworking for David Welter as he upholsters a footstool.



Using complicated instruments, Larry Bennett assembles his drawing of a water pump in drafting class.