



Math & Science



Science And Math Faculty

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SCIENCE FACULTY — *Seated:* J. Thorngate, M. Stainer, H. Lystrup, H. Martin. *Standing:* A. Ludvigson, J. West, J. Novax, H. Gibbs, O. Torgerson.

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The science and math department facilities, highly improved over last year, drew more students to its doors this year than ever before. These subjects have been stressed to a great extent, and the increased enrollment is an encouraging sign to educators. These two departments are working hand in hand to convey the knowledge of these studies to their pupils and arouse student interest in them.



MATH FACULTY: E. Otteson, R. Osterhus, E. Olson, M. Johnson.

Hocus Focus



"Lighting and background will give you a good picture", Mr. Torgerson seems to be telling this group of photographers.

Focusing has to be precision work in photography as Ronny Johnson knows.

Diligently sorting out pictures are, *Left to Right:* Jim Mathei, Carol Crandell, and Judy Johnson and Diana Heiman, *at Lower Left.*

Reducing and enlarging pictures are Jon Froseth and Bonita Carey, *at Lower Right.*





The tripod is only one of the many instruments the students may use in trigonometry.

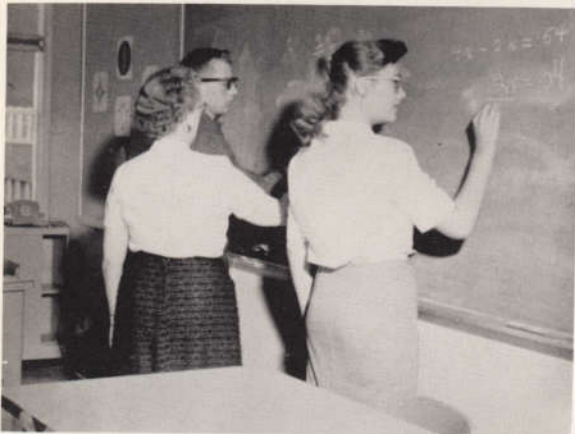


In doing their daily work, geometry students prepare for tests.

Math-The Door

Without future scientists and engineers our democratic way of life may be doomed! This is what many political leaders in the United States fear today. In this scientific world students who excel in mathematics are needed, for they are the scientists who will eradicate diseases and conquer outer space.

The math department, with its pleasant facilities, is designed for the student who wishes to forge ahead in the study of this subject. This student has the opportunity of taking three years of math.



Trying to find the unknown are Barbara Halverson and Dale Torgerson as Miss Johnson looks on.

Geometry students find they must prove all of their problems.





Doing daily assignments is a necessary job for geometry students.



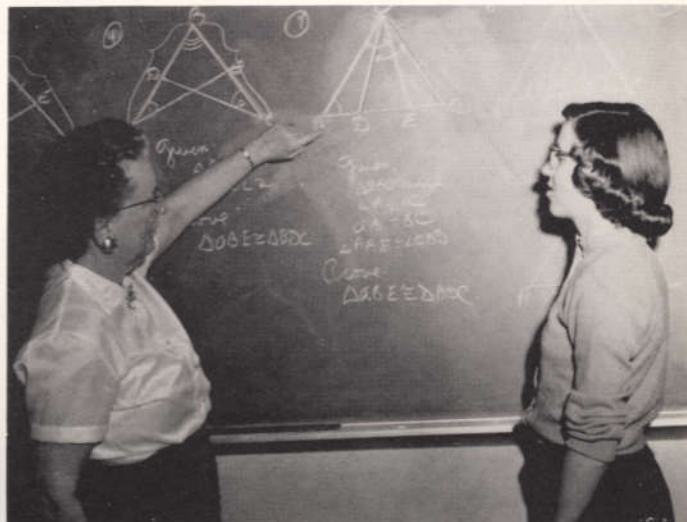
Trig students, Dave Erickson, and Kent Hagen, learn the fundamentals of surveying.

To The Future

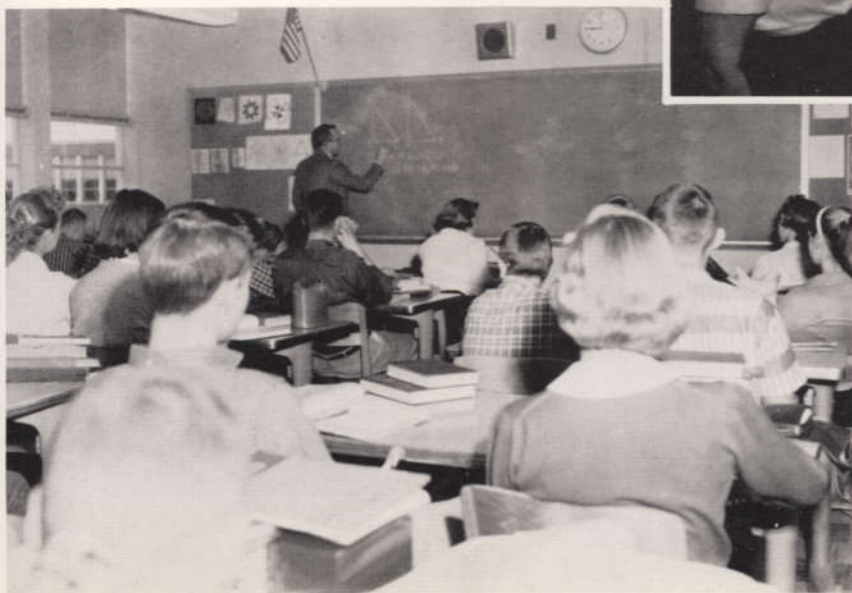
Though numbers and numerical qualities have remained unchanged since the mathematical discoveries of ancient times, modern mathematicians have given tremendous assistance to the accuracy of their problems with the "slide rule", protractor, and compass. These tools have enabled men to erect enormous sky scrapers and span giant rivers. Without these tools many of our architectural achievements would not be possible.

Engineering, surveying, and drafting are only a few of the jobs offered in this one field. Many jobs in other vocations are offered to the person who has a wide knowledge of math.

Indubitably, math is the door to the future!

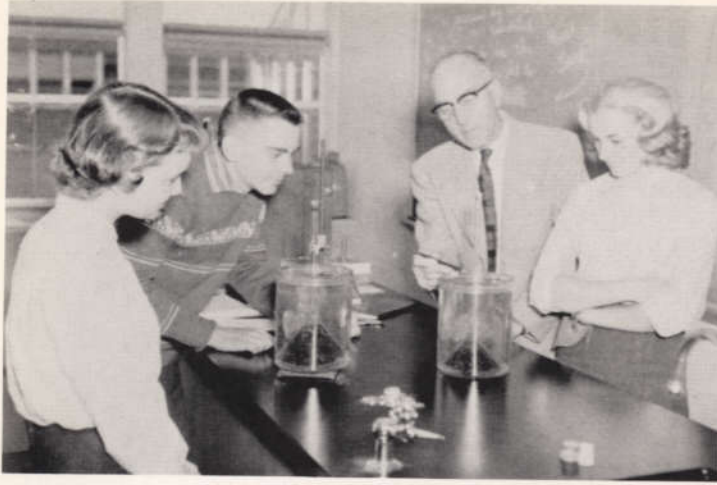


Miss Johnson shows Mary Clark how to prove that angles are equal.



Geometry students watch attentively as Mr. Osterhus proves triangles equal to each other.

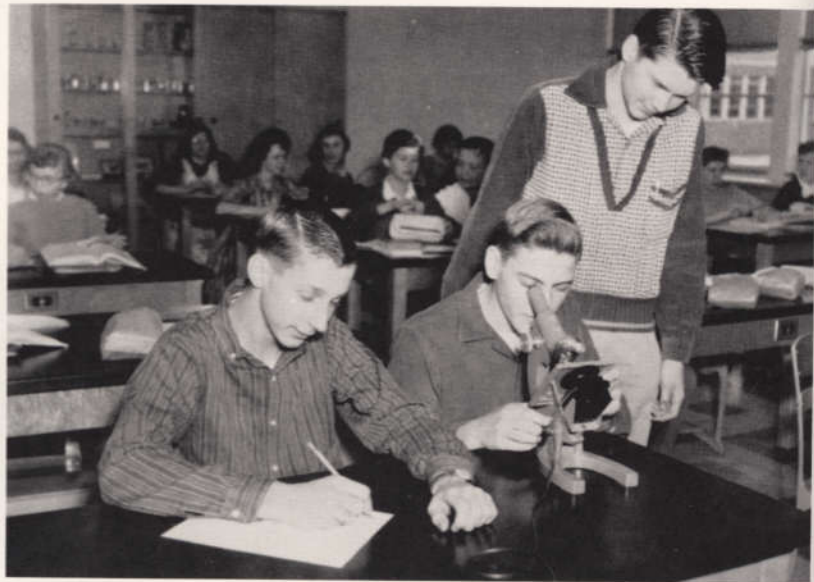
Sputnik Science Fore



What gas is given off during photosynthesis? Trying to find this solution are: Jane Walters, Pete Anderson, Mr. Lystrup, and Joan Yates.

Man, having explored all continents of the earth, now turns his interests towards space and all the mysteries it holds. Eau Claire Memorial High School is extensively equipped with science facilities to further the students comprehension of the wondrous world of the unknown.

Peering through the microscope and learning the different stages of plants is Richard Jenson, while David Badger writes down the results and Paul Zielie looks on.

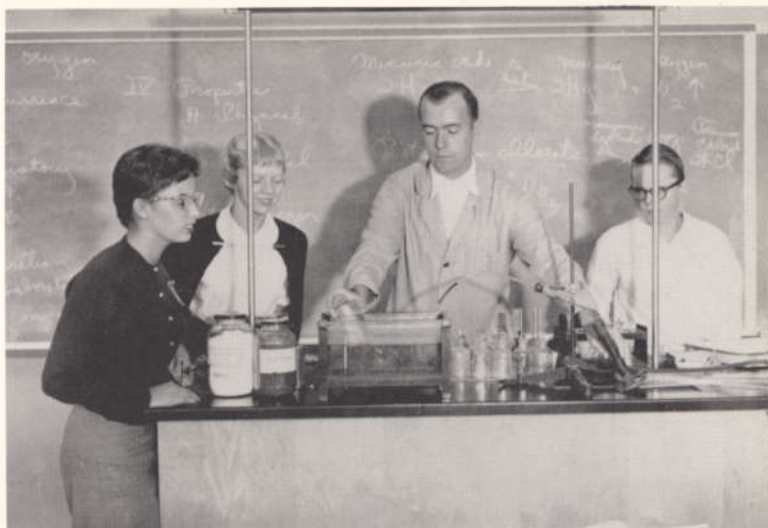


Classwork holds the interest of this group of ambitious senior science students.



Studying the growth of a poinsettia are Richard Childs, Jeannie McClusky, and Mr. Novak.,

Moves To The Front



This pneumatic trough holds the interest of these new amateur chemistry students who are, *Left to Right*: Sue Tiller, Gerri Tweet, Mr. Gibbs, the chemistry teacher; and Chips Flodin.



The year of Sputnik found the new Memorial High School with science facilities and interest unequalled in the state. Bulging chemistry classes found rough going with intricate chemistry formulas and laws of physics, but with the constant help of the science teachers the students came to have broader insights into the wondrous area of atomic power-key to the future.

The experiment, Distillation of Water, is complex, yet fascinating to this chemistry group.

Waiting patiently for the results of this balloon experiment are, *Left to Right*: Donn Anderson, Jim Allen, and Radina Jensen.

