

**TOMBOY GINGER CARROLL** (Peggy Hyslop) looks on disgustedly as her two sisters (Marty Perkins and Nancy Thorson) attempt to inveigle a change of mind from their father (Bob Goldman), as Mother Lynn Rudner disapproves. The scene is from the Senior Class production of "Time Out for Ginger," tonight and tomorrow night in the auditorium. (Photo by Darr Johnson)

## Senior Play Tonight and Tomorrow

# Female Football Star Sets Plot

As the lights dim in Central's auditorium this evening, drama fans will take "Time Out for Ginger," a comedy in three acts written by Ronald Alexander, and first presented in 1952. The curtain rises tonight at 8:00 p.m. for the cast's second presentation of the senior-sponsored Thespian Play.

The story concerns a high school freshman girl who wants to become a football star. Her father, Howard Carol, puts his family in a turmoil after giving a speech at

the high school. As a result of this speech, Ginger tries out for the football team after beating the captain in a 100 yard dash.

The cast who will carry out this theme includes the following: Bob Goldman as Howard Carol; Lynn Rudner as Agnes, his wife; and Nancy Thorson, Joan; Marty Perkins, Jean; and Peggy Hyslop, Ginger, as his daughters.

Other participants in the play are Ann Boynton as Lizzie, the maid; Frank James as Mr. Wilson, the school princi-

pal; Larry Lerner as Ed Hoffman, the bank president; and John Siler as Ed Davis, Joan's boyfriend.

Roberta Rowe is acting as student director of the play with Priscilla Moore as production manager. Kathleen Lillard, Jill Walcott, and Judy Yahr are in charge of the props for the production.

Stagecraft Club made the scenery for the play, and costumes are regular clothes.

Admission to the play is 75c for adults, 25c for children under 12, and 35c for Student Union members.

# THE ARROW HEAD

STUDENT PUBLICATION OF CENTRAL HIGH SCHOOL  
THE EAR AND EYE OF CENTRAL HIGH

VOLUME 39

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NUMBER 14

## Intensive U.S. History Students Witness Con-Con Session Activity

During a recent session of the Constitutional Convention, five students of Graham Provan's Intensive U.S. History class witnessed the procedures. The students, Amy Ballantyne, Cathy Jones, Tom Martin, Peter McNenly, and Andrea Transue, spent Tuesday, March 27, watching the activity in Constitutional Hall.

Before lunch the group witnessed the morning session and toured the various committee rooms located on the floor below the assembly. One significant thing noticed during the tour was that the speeches of the delegates were broadcast over a P.A. system throughout the Hall.

Two attractions interested the group in the afternoon sessions beside the issues facing the convention. One was the appearance of George Romney, Republican hopeful for the next Michigan governor, and the projectile machine which focused a reproduction of the section and proposals under discussion upon a bare space of the wall.

Although the spectators included some junior college and

high school students, the majority were elementary school students.

## Projects Excel In Science Fair

Two Special Awards went to Central students in the Sixth Annual Science Fair, April 7, at the Awards Night at the I.M.A. Auditorium.

Terry Hassold received a Special Award from the Reynolds Aluminum Company for his project, "Environment and Reproduction of Drosophila." Terry tested fruit flies under five different diets. Then he exposed them to different environmental conditions. After the flies reproduced, he noted the effect of the environment on the offspring.

Jay Wilbur, also a sophomore, received an award from the United States Air Force. Jay's project was also concerned with fruit flies. His research was on the "Effects of Radiation on Drosophila."

The music for the program was provided by the Central High School Band.

All exhibits were open to the public from April 8 until April 10.



**PERSONIFYING THE SPIRIT** of the Central Indian next year after the graduation of Terry Tremewan will be Gary Pollard. He is standing in front of the carving of the Central Indian made by Stanley Broome, ex-dean of boys. (Photo by Darr Johnson)

## Pollard Dons War Bonnet For Indians

Although the Tremewan tradition has ended after nine years of war dancing, the Indian tradition will not be lost. After Terry's graduation this year a new Indian will don the war bonnet and continue to aid Central's teams in striving for victory.

Who is the new Indian? He is sophomore Gary Pollard who came from Whittier last year. Gary was picked by Terry to follow in his moccasin tracks of the past three years. Terry explained his choice by saying, "I picked Gary because I felt he had the ability and the interest to qualify to uphold Central's Indian tradition."

Gary is now going through intensive study to learn the ritual and art of Indian dancing. Terry is teaching him the different dance steps used so that he will be prepared to carry on the traditional Chipewewa war dance at the football and basketball games.

Gary is going to use the same costume that Terry has used the past few years. It consists of a war bonnet, a red war shirt with white fringe, bells and white leg ties.

Gary will make his debut at the first home game when the Central High School Marching Band accompanies him.

When questioned, Gary said that he was extremely proud and honored to be able to accept this position for his school. He also stated, "I am looking forward to next year with great anticipation and I hope that I will play as large a part in leading our teams to victory as Terry has done before me."

Honor graduates omitted from the March 30 issue of The Arrow Head are: Paul Edward Speck, Susan Leslie Standerfer, Janis Stein, and Penny Jeanette Stevens. All four are graduating with distinction.

## Central Mourns L. Redd

By Phillip H. Vercoe, Principal

We are all greatly saddened by the sudden passing of Leonard Redd, veteran, science teacher and director of Audio Visual Education. Mr. Redd began his teaching here in

September 1925, just two years after this building was opened.



**Leonard Redd**

his B.A. degree from the University of Nebraska and his M.A. degree from the University of Illinois.

Mr. and Mrs. Redd had travelled a great deal and each summer recorded their journeys on sound, color films. These beautiful pictures were in great demand as a part of Mr. Redd's many travelogs which he has given to clubs and civic groups in our community. With characteristic ingenuity, Mr. Redd developed his own film and added the sound as well.

Pursuing another of his hobbies of gardening, he was active in Yard and Garden Club. His own yard at 2413 Mason Street was a show place. He developed his own method of time sequence photography for studying the life cycle of flowers.

Mr. Redd had planned to complete his teaching experience this year and join Mrs. Redd in retirement. Mrs. Redd had been a teacher in our Business Department, retiring in 1960.

Interment will be at Mr. Redd's birthplace, Riverton, Iowa.

## Staff Names Yearbook Chiefs for '63

Getting ready for the next year and the 1963 copy of the yearbook, the Prospectus staff elected new editors, Thursday, March 29.

The new editor-in-chief, replacing Jan Heinrich, is Pat Tate. The new copy editor, taking over for Renee Turner, is Sharon Bailey. Leslie Seymour is now photography editor, taking over for Donna Winegar next year.

Lynn Finsterwald and Carol Schwyn are the co-editors of the senior section for next year, replacing Mardy Henry and Sally Makowski. Karla DePottey and Nancy Glidden are the new activities editors, taking over for Rita Whaley. Cheryl Link is replacing Jan Marklund, Pat McGehee and Jan Sparks, as the academics-faculty editor.

Don Bryant is taking over for Nancy Thorson and Sue Wood, who were the 1962 co-editors of the sports section. Sue Schnepf will be the editor of the under-graduate section, replacing Carol Schwyn and Leslie Seymour.

During the fifth hour, the Prospectus staff voted, by secret ballot, for the new editor-in-chief and the copy editor. The remaining members of the staff stated their three

choices for yearbook sections.

The two editors-in-chief, the two copy editors and Miss Vernita Knight, Prospectus advisor, studied the selections and tried to give each staff mem-

ber her first choice.

The new staff will start work on the 1963 yearbook when they choose the cover design and the theme of the yearbook.



**JANET HEINRICH** (right), outgoing Prospectus editor, goes over the staff's progress chart with the recently-elected 1962-63 yearbook heads, Sharon Bailey, copy editor, and Pat Tate, editor-in-chief. (Photo by Darr Johnson)

Face Gd. Blanc Tomorrow

# Pitching Carries Tribe Hopes

Pitching—or lack of it—will probably decide the outcome of tomorrow's season opener for the Indians against Grand Blanc at Dort Field.

Faced with the loss of pitcher Don Olmstead for the campaign, baseball coach Tim Bograkos will no doubt have his charges ready for action at the 11:00 a.m. starting pitch.

Olmstead, who was undefeated while chugging for the JV's last year, was declared scholastically ineligible in accordance to the State ruling covering first semester grades.

This threw a kink in Bograkos' plans for the upcoming season. He had planned on using three boys, of relatively little or no varsity experience, to work in a triangular fashion.

With Olmstead out of the picture, it looks as if the main

part of the early season chores will fall upon junior Bob Langenau and sophomore Jim Blight.

Langenau did pitch and win the only varsity game he started in last year, which was the season-ending double-header with Cranbrook.

Blight is not completely inexperienced although he hasn't played high school baseball as yet. Junior high baseball, summer programs, including American Legion ball, seem to indicate the potential is there.

To add to Bograkos' problems, tomorrow's opener will consist of a double-header.

Both boys have a job to do. Last year, Central took a double-header from the same team at Dort Field, 11-2, and 11-1.

To expect a repeat of last year's games would be foolish. But to expect a performance

representative of Central is not out of the question.

Bograkos sighted the break in the weather as a blessing and mentioned the team's progress as "coming along."

The team received another blow in the loss of Forest "Frosty" Powell, who is unable to throw even a baseball due to a cracked rib left over from rough basketball campaign. Powell was counted on heavily to start at first base, in addition to relief pitching chores.

Dale Fyfe has yet to get his legs into good shape due to an injury received in the Thanksgiving football game. Senior Dwayne Cross (tri-captain) has been pitching in addition to short-stop duties, hoping to take up the slack.

Grand Blanc sports a young ballclub. As always, they will be well coached by Joe Pitock, member of last year's Double A City League baseball champs, the Industrial Distributors.

Bograkos has all positions "up for grabs" and related that the "best nine men for the nine positions will start tomorrow."

# Krieger's Track Goal Increases Incentive

It is always well to set up a goal in whatever you are doing. This often gives you the added initiative to come through with the little extra something which means success.

Head track coach Carl Krieger has done just this. The ultimate goal for this year's thinclads is to cop the Saginaw Valley title. The boys got off to a fairly successful start by finishing fourth out of 47 class "A" teams at the Huron Relays at Ypsilanti on March 31.

Their hopes suffered a serious letdown when senior miler Ed Bagley was forced to resign himself to a spectator role because of a foot infection. It is hoped that Bagley will be able to join the squad later.

Junior George Balsler and sophomore Pete Sinclair are expected to take up some of the slack left by Bagley's absence. Because of an eligibility problem, senior shot putter Norm Alexander will sit out the entire season.

Help in the shot put will have to come from seniors Fred Evans, John Grant, and Charles Millender.

On these losses, Krieger remarked, "We have a bunch of fine boys and with a second effort can make up for loss of top performers."

In order to reach this goal, Krieger is counting on good efforts by Captain Bob Barnett in the broad jump, junior Connie Conners in the half mile, junior Marv Mabry in the low hurdles, and Billy Lee, sophomore, in the pole vault.

Others whose improvement indicates help in reaching the objective are sophomores sprinter Mike Jeffes and high hurdler Ernest Long.

A strong effort is also expected from Varnard Gay's distance men. Mr. Krieger remarked, "I feel very fortunate to have someone of Mr. Gay's caliber working with me."

Only time will tell, and Krieger's and his track boys' day of reckoning will come Friday, May 11, when Saginaw Arthur Hill hosts the Valley championship.

# Fans Inspire Top Efforts

For the first time in Central's history, track may overtake baseball as the number one attraction among spring sports.

A conservative estimate of the number of students at the first track meet was 800. This was relatively high for a dual meet.

Baseball, although ranked number one nationally, does not enjoy the same measure of success on the high school level. The reason?

One sound argument is excitement. Baseball has its excitement, but this usually lasts a few seconds. Perhaps a stolen base, a tremendous catch, a towering drive or a bunt.

Performances from the first meet substantiate this argument. Fellows like Ernest Long of Central who just traded a basketball uniform for a track uniform, and then won the 120 yard high hurdles in 15.6, despite knocking over several hurdles.

Or Connie Conners of Central who just nipped Neal Patterson of Northern in the 880. Or Al Washington, Northern, who high jumped an amazing 6'6" to tie the State prep standard. All of these performances displayed "heart" and provided excitement.

But what trackman can create a no-hitter like a baseball pitcher? Or match that instant thrill of a tremendous catch, a steal of home, or home run? Baseball has its moments, also.

One thing cannot be denied by anyone who has attempted to produce outstanding performances in sports. That is, there are no easy sports.

Track is just as hard as baseball. Golf is just as hard as tennis. And the like for any combination of the four. A champion is a champion in

any sport, and equal in prowess to any other champion.

Even if track should overtake baseball, what is most important? The track team? Not by a longshot. Baseball, tennis and golf are equally as important.

I wonder what would happen if 800 students showed up for every golf or tennis match, track meet or baseball game? Think of the inspiration that would exist. Central could conceivably be the first high school in history (all-time) to win three State championships and one Valley title (there is no State tournament for baseball) in the same spring.

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**Upset Victories Spur Rise**

**Boys, Dum Dums Vie In IM Semi-Finals**

Jim Long and the Honey Drippers did it. The only question now is: Can the Honey Drippers maintain their unbeaten status to cop the play-off championship?

After successfully walking away with the individual and team championships in the regular season play in the intra-mural basketball league, the Drippers now lead a contingent of the four squads still in the running for the title.

Nothing could stop the Honey Drippers or Long during the season. The Drippers won 12 of 12 contests and Long meshed 87 baskets and 11 free throws to score 185 points for a 20.5 average, with a 44 point game thrown in to boot.

Last Thursday found two unexpected upsets putting the Boys and the Dum Dums into the semi-finals.

The Boys, tied for sixth in season play, edged the Braves, who finished second, 27-25. Dan Schultz of the Boys and Bill Ryan of the Braves each scored 10 points. Tom Green added nine counters for the Boys.

The Dum Dums, who finished in a tie for eighth place, knocked off Fidel's "5," who were tied for third place, 47-36. For the Dum Dums, Dave Foster led with 14 points, John Johnson got nine and Bob Langenau and Bob Bysco split sixteen.

Ward Palmer of Fidel's was high with 16 points. Wayne Murray added ten.

In other games, the Magnificent "8" beat the Nose Pickers, 26-19 and the Honey Drippers coasted past the Mysterious "5" 53-26.

The Honey Drippers and Boys and the Dum Dums and Magnificent "8" now meet in the semi-finals. The winners

play for the school championship April 29, with trophies, medals and prestige at stake.

**IM League Final Standings**

| Team                | W  | L  |
|---------------------|----|----|
| 1. Honey Drippers   | 12 | 0  |
| 2. Braves           | 8  | 4  |
| 3. Fidel's "5"      | 7  | 4  |
| Magnificent "8"     | 7  | 4  |
| Nose Pickers        | 7  | 4  |
| 6. Mysterious "5"   | 7  | 5  |
| The Boys            | 7  | 5  |
| 8. Dum Dums         | 6  | 6  |
| Swishing Studs      | 6  | 6  |
| 10. Bo-Diddlers     | 5  | 6  |
| 11. Chinese Bandits | 2  | 8  |
| 12. Centralites     | 2  | 9  |
| 13. No-Names        | 1  | 9  |
| 14. Jay Hawks       | 1  | 10 |

| Name             | G  | FG | FT | Pts. | Avg. |
|------------------|----|----|----|------|------|
| 1. Long, Jim     | 9  | 87 | 11 | 185  | 20.5 |
| 2. Toth, Steve   | 12 | 61 | 7  | 129  | 10.7 |
| 3. Johnson, John | 11 | 54 | 17 | 125  | 11.3 |
| 4. Palmer, Ward  | 11 | 51 | 20 | 122  | 11.0 |
| 5. Ryan, Bill    | 12 | 42 | 19 | 103  | 8.5  |
| 6. Beal, Dick    | 9  | 47 | 8  | 102  | 11.3 |
| 7. Lang, Charles | 9  | 39 | 16 | 94   | 10.4 |
| 8. Murray, W.    | 8  | 39 | 8  | 86   | 10.7 |
| Clutts, Jerry    | 9  | 41 | 4  | 86   | 9.5  |
| 10. Langenau, B. | 9  | 37 | 8  | 82   | 9.1  |

**'61 Golf Record Hard To Match**

To win is an essential factor in coaching. Although the value of good sportsmanship cannot be denied, not many coaches would last is their teams became habitual losers.

However success can sometimes bring problems. If a team completes a successful campaign it is up to the upcoming team to uphold the record.

Coach Robert Alick's golfers face this dilemma this season. Last year's team had a 13 win, 1 loss record in individual meets, and the 1962 golfers are hoping to match this log this year. Last year's team also won the City Crown, the Valley Crown, and were Regional Champs.

This year's team will be led by two year lettermen, both seniors, Richard McMillian and Chuck Becker. Additional help is expected from Dallas Killian, and Danny Schultz, seniors.

**Varsity Athletes Receive Honors**

Winter athletes found the days of cold and the nights after school trudging through the snow to practice well worth the effort when they were rewarded at the various banquets with their letters.

Wrestling coach Dean Ludwig, at the fete in our cafeteria, handed out 37 awards to his grapplers. Varsity letter winners:

Elehue Bronson, Tom Buckalew, Robert Buford, Bob Cheney, John Copeny, Larry Dobler, Ira Edwards, Joe Eufinger, Al Fowlkes, Terry Hassold, Frank James, Mike Larson, Earl Mills, Lynn Schramm and LeRoy Washington.

Junior Varsity awards went to:

Ray Bausack, Owen Bolds, Ed Burke, John Eufinger, Peter Hauth, Bill Hershey, Robert Jackson, John Jones, Robert Kimble, Dick Madaras, John McGrath, Ray Neal, Dragon Solesa, John VanBolt, Norm Walter, and Vagios Young.

The Most Valuable Wrestler was Tom Buckalew, and the Most Improved was LeRoy Washington. Tom Buckalew and Elehue Bronson were named co-captains for 1963.

John Siler, Most Valuable, and Tim Phillips, Most Improved, won top honors at the Swimming banquet held March 20. Coach Wally Dobler awarded 30 swimmers for their contributions on completing a fine season.

Varsity letters included: John Bale, Ed Bottrell, Allan Davis, Jim Gardner, Roy Gravel, Chuck Hodson, Darr Johnson, Tim Phillips, Larry Piper, Tom Savage, Dave

Schaefer, John Siler, Paul Speck, and Jesse Taylor.

Junior Varsity awards went to:

Dave Bean, Bruce Burris, Laird Cameron, Randy Duberville, John Edwards, Tom Fonger, Gary Hardin, Steve Katz, Brian LaRocque, Al Maettes, Tom Martin, Mark Morrison, Bob Nesbit, Terry Powers, Al Rachwitz, and Mark Seeley.

Basketball coaches Joe Dowdy, Stan Gooch and Jack Ewing awarded 38 players and two managers at the Basketball banquet March 28. Those receiving honors were:

Varsity letters: Bob Barnett, Roger Conrad (manager), Roosevelt Dawkins, Ernie Long, Jim Merriwether, Oddie Miller, Forrest Powell, Jerome Rutland, Al Snyder, Melvin Summers, Jim Toles, Howard Walker, and Lonnie Wells.

Varsity Reserve awards went to: Jim Blight and Manuel Patrick.

Junior Varsity awards went to: Jim Anderson, Ken Baker, Jordan Fehlig, MacHenry Johnson, Bill King, Doug Russell (manager), Bob Schmelzer, John Summers, Jim Taylor, Ernie VanBuren, and George Wooten.

Sophomore awards went to: Ron Barnett, Glen Bivins, Lloyd Cabell, Richard Harris, Columbus McGhee, Jim Mead, Larry Methven, Mike Michaud, Jim Richards, Hilton Royster, Ray Sullivan, and Wilbert Woods.

Jim Toles and Roosevelt Dawkins won the Most Valuable and Most Improved Player, respectively.

**Two Netters Pace Squad For Opener**

After three weeks of daily practices and two scrimmages against J.C.'s tennis team, the tennis season officially opens with a match today against the Lapeer netters on our home court.

The squad heading into today's opener will contain from 12 to 14 varsity players.

Each contest contains five single game matches, pitting individual against individual, and two doubles, pitting partners against partners.

The first two singles spots are held down by Jim Lau and Ron Hamilton. The next three spots are up for grabs among Paul Matz, Ken Lamson, Gary Murphy, and Stuart Osher. The player not holding a single's position will probably compete in the doubles.

Coach Stan Gooch cited the following players as also showing promise: Jerry Clutts, a junior; Bob Hyche, a sophomore; and Don Hamilton, Ron's brother, also a sophomore.



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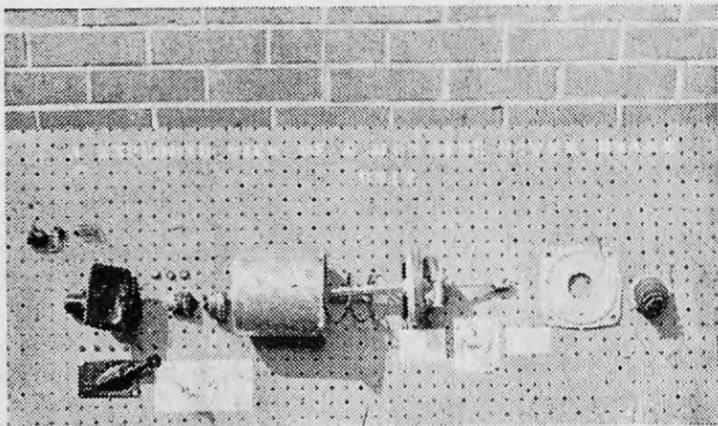

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AL FOWLKES' project, "A Exploded View of a Moraine Power Brake Unit," was one of the better projects turned in by members of Charles Clark's second year auto shop students on parts of the automobile. (Photo by Darr Johnson)

## Auto Shop Class Projects Display Automobile's Parts

Second year auto shop students ended eight busy weeks of work by turning in their projects on parts of the automobile to instructor Charles Clark on March 30.

Each student was to take any unit of the motor car which interested him, and make a fairly detailed report on it.

Three major types of exhibits made up the products turned in by the boys. Some pupils took an actual unit apart and labeled the items making up the unit. Others presented mechanisms with cut-away views of the insides of the parts.

A final type of project was an intricate diagram of an automobile element. Each type of project was accompanied by a written report.

Remarking on the value of the boys' efforts, Mr. Clark explained, "I feel this type of thing is very helpful since it requires the student to do a significant amount of research. Those doing reports were forced to go out of the classroom for their material. Because of this, the pupils studied much deeper into the material than they otherwise would have."

Mr. Clark singled out Al Fowlkes' power brake display, Jim Shifflett's report on Bendix brakes, and Wayne Horton's presentation of the start-

ing system for special praise.

Second year students have been doing this type of thing for several years now. Most of the displays are kept in the auto shop since they can be used as valuable teaching aids.

## Commanderins Select Emblem

Commanderins met for breakfast in the cafeteria before their meeting Friday morning, March 30. At this time Jo Ann Guile, president, presented the design of the new Commanderins' pin for the approval of club members.

The gold pin will be triangular in shape, with black enamel accents. Commanderins and the initials CHS will be engraved on the pin.

Since the club has had no real project before, it was decided that the members would help to improve the cafeteria and other conditions around the school to make it a better place.

Commanderins is an honorary club for girls who have distinguished themselves in school leadership. It includes student union and class officers, the editors of The Prospectus and The Arrow Head, and the president of F Club.

## Answer Finding Creates Chaos

Many tempers flared concerning the questionnaire given to 32 Marines recently. Copies of this list appeared in "Time" magazine.

All foreign relations students of John Howe used their probing powers to locate the difficult answers to these questions.

Government officials felt that most military men, as well as most Americans don't even know about "the other side of the fence." It is a disgrace for a soldier to be sent to fight when he doesn't even know for what he is fighting.

Upon the podium in the class of Mr. Howe are two small posters with the following words: "How can you fight something you don't understand?" and "How can you defend something you can't understand?" It was the students' job to find out.

Answers to the 23 questions weren't in the history book, neither were they classified as common knowledge.

Thomas Wagamon, a junior wrote to Representative Charles Chamberlain and received a note explaining that no answer sheet had been made, and information concerning the questions was not given out by the officials.

Most of the questions were answered, though it took diligent searching on the part of the students.

## Trading Post Honors Reading Aids Initiative

Compiled by Holly Montgomery

James Madison High School Portland, Oregon

"Honors Reading" is a new experiment in Mrs. Elizabeth Barnes' English class of Madison High. Seniors who are above average students are required to read ten pages, then points are awarded on the different areas of good reading. A list is then compiled using these achieved points plus points for good grades. This contest increases incentive and provides a goal.

Grosse Pointe High School Grosse Pointe, Michigan

With a two-hour version of the opera "Cose Fan Tutte," written by Wolfgang Mozart, the New York Metropolitan Opera studio gave a special performance at Grosse Pointe High School.

The tickets cost 75c per student. This charge will cover the \$900 fee charged for the performance.

"It is hoped," stated Ralph Deal, music literature teacher, "that this performance will in-

crease interest and knowledge of opera rather than colors, lengths, and styles of the dresses worn by the socialites attending."

Maine Township HS East Park Ridge, Illinois

Being fashioned after the two-house Congress of the United States is the Student Council of Maine Township High School East.

The Lower House will consist of 70 representatives from the ninth through twelfth grades who will be elected through the respective classes. These students will report back to their own groups.

The Upper House will elect a speaker to preside. The President of the Council will be the cabinet head.

Richard Hall recently lost an Americana transistor radio in a brown leather case. The radio had sentimental value and there is a five dollar reward offered. Call CE 4-6707 for further information.

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## TEDEE TALK

Compiled by Lois Livesay

### New Books, Displays Honor Library

Since this week is National Library Week, there will be numerous displays in the library and halls. New books that have been saved for this special week are being put out for use.

On April 12, there was a meeting at the Flint Public Library for the various libraries and their representatives. The student library assistants and their guests were invited. Dale E. Kildee, Latin teacher, gave a narration of his travels in Russia.

### Latin Club To Rewrite Constitution

After a thorough search, the officers and the sponsor of the Latin Club, Amici Romi, concluded that the constitution was lost. This was announced at the March 27 meeting. As a result, a constitution committee was appointed to write one, as the administration desires a copy.

Also at this meeting, committees for the Latin banquet were chosen. The club has been sponsoring projects to earn money toward this final activity which will take place later in the spring.

### Norman Lathrop Takes Bride, March 31

Norman Lathrop, math instructor, has married Miss Mary Lou Collier. The couple was married March 31 at the County Court House. Mr. Lathrop teaches algebra, geometry, and basic math. He graduated from Central in 1954 and was a student teacher here last semester.

### Juniors To Present Ideas on Nutrition

Returning from Chicago after spending four days at a nutrition convention, Vicky Ash, junior, brought back some new ideas on the teenage diet.

Vicky will present these ideas at assemblies in the future, and will be writing articles for "The Arrow Head" and for "The Flint Journal."

Vicky and the other Michigan delegates made a tape while at the convention and hope to have time to present their ideas on radio and television.

## Sophomore Eng. Class Hears Eighteen From Spring Speech

For the purposes of cutting each spring speech category down to its required size and at the same time establishing rank within every division, Stanley White's speakers participated in preliminary contests in front of Miss Jacqueline Kramer's fifth hour English IV class the week before last.

Each speaker was evaluated on a percentage basis by a jury of three students, plus Miss Kramer, and Miss Mary Lotridge, student teacher.

In sophomore declamation, in which the student memorizes a speech by someone other than himself, Ken Hill, Gayle Mallon, Bruce Moffett, and Lynn Wright participated. They ranked in that order, with Lynn being eliminated due to the maximum limit of three persons in each category.

Including laughter among the class members were the humorous readers, who now stand as follows: Lynn Rud-

ner—first; Kathy Werle—second; Greg Lennox — third.

Interpreting poetry and prose works, Marquise Conaton, Rita Schipper, Cheryl Crawford, and Diane Carlson finished first, second, third, and fourth, respectively.

Perhaps the most difficult category is extempore speaking, in which the participants are given a specific topic on current affairs and a certain amount of time to prepare a speech on it. Bob Beam, John Lossing, and Mike Shupe were in this division, in that order.

Finally, on Friday, April 5, the event culminated in the original oratory contest, in which the speakers memorized a speech of their own composition. The performances of Jay Harvey, Carol Wolin, and Dee Allen were ranked in that order.

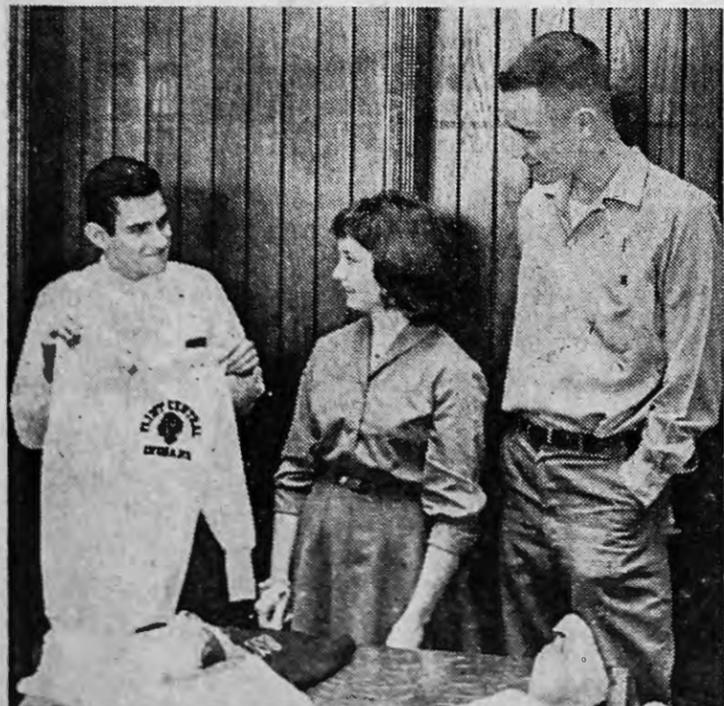
The Saginaw Valley contest will be at Northern on Tuesday, April 17.

## Sophomores Profit on Sweatshirt Sales

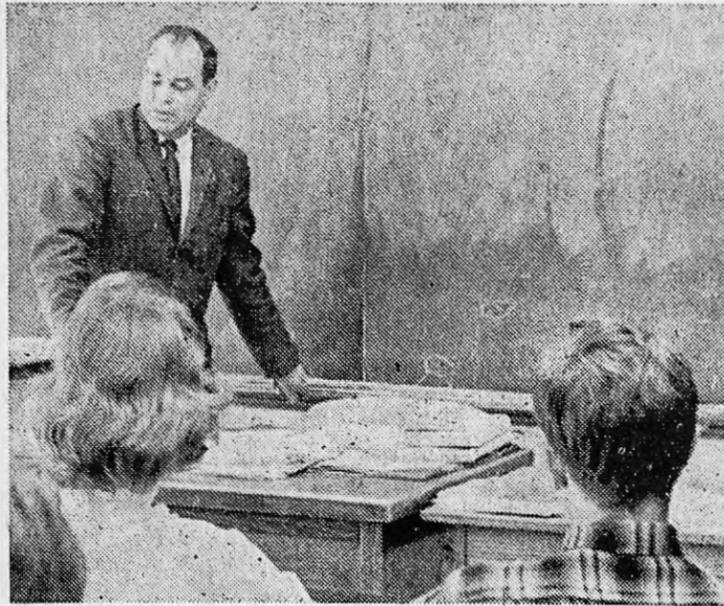
Sophomores are cashing in on the recent fad of wearing sweatshirts to school. The Sophomore Board of Directors

is promoting the sale of Central sweatshirts as a class project.

Members of the board are



ADMIRING THE SWEATSHIRTS which are being sold by their class for \$3.00 are sophomores Brian LaRocque, Peggy Hyslop, and Jim Blight. Sales started Wednesday, March 28, in the library during 4th hour. (Photo by Darr Johnson)



GEORGE BUCK, genetics teacher at Junior College, addresses students on Genetics and Evolution at a Biology Club meeting, March 27. Club members and any interested students were invited to attend the lecture which was held after 6th hour. (Photo by Darr Johnson)

### Geneticists Employ Math

## G. Buck Discusses Evolution

George Buck, genetics teacher at Junior College, spoke to members of the Biology Club on the subject of genetics and evolution. Although the March 27 lecture was first scheduled for club members, all interested in this field of science were invited to attend.

Mr. Buck, who is a Ballenger chair holder at Flint Junior College, emphasized the fact that neither genetics nor environment alone causes evolution, but that the selective forces of environment acting upon the genotypes in a population does (genotype is the pattern of the genes inherited from the parents when combined in the offspring.)

Contrary to what some people think, and even to what one can find written in text books, a species has no control over its own evolution. In other words, any living organism (or group of organisms) has no control over the characteristics it acquires.

Included in the lecture was an explanation showing how mathematics can be applied to biology, and especially to questions of genetics. Through the use of mathematics it is possible for the modern day geneticist to compute approximately what number of a follow-

ing generation will, in all probability, acquire certain genetic characteristics from the generation preceding it.

Mr. Buck stated that he was always glad to have a chance to speak to high school students. Before coming to Flint six years ago, he taught high school in the East.

## Club Members Survey History Of French Art

Members of Le Cercle Francais and many of their parents heard a lecture by Dr. Stuart Hodge, director of the Art Institute, at their meeting Tuesday, April 2, in which he emphasized France's history from the art and architectural standpoint.

Ten French tapestries which hung on the walls of the Bray Room, in the Art Institute were the topic of the discussion. The tapestries, which first belonged to the French court, were given to the Italians, then brought to New York where they were bought, and later obtained by the Art Institute.

After giving his views on French art, Dr. Hodge narrated slides he took while in Paris, pointing out examples of the Gothic type of architecture in particular. Refreshments were served at the close of the meeting.

Dr. Hodge spent two years in France or French-speaking countries during World War II. He also lived in Paris for two and a half years after 1951.

### Just a reminder . . .

Any seniors or juniors who wish to take the College Board Examinations on May 19 must have their fees in by April 21. There will be an additional charge of \$2.50 for any applications turned in after the deadline. Juniors can use this test as practice for next year. College Boards are required by many colleges.

A fee of eight dollars is required to take the Achievement Tests. You may take one, two, or all three for the same price.

The writing sample has a fee of \$2.00 although if it is taken in combination with one or two of the Achievement Tests, no separate fee is taken.

## Mechanical Brains, Men Vie In Film

Tension was mounting. An exciting chess game was in session. Each player made skillful, expert plays. The only strange feature about this game was that one player was a human being and the other participant was a machine!

This unusual event was seen in a film called "Thinking Machines" during Bryce Shaw's third hour probability and statistics class.

The movie showed how the scientific world is making progress in developing machines which will be able to think and react like men.

One experiment involved the concept of whether or not mechanical devices could remember. A sample house was constructed with many doors and walls.

A mechanical mouse was put into the house and had to find his way through it. Each time he hit an obstacle the mouse would use a trial and error method until an opening was found. Finally, after many bumps and knocks, he reached his goal—the end of the path, where a nice chunk of artificial cheese waited for him.

After being placed in the same house a second time, the mouse went straight through without running into a wall even once. Then a different house was used, with a new pathway. Once again the mouse had to use the trial and error method. Undoubtedly many more experiments of this type would be necessary to prove that machines can remember, but it does show what might be a possibility in the future.

## Psychology 'Ideas Aid' Daily Life

Intensive English students recently became beginning psychologists.

Grace Field, their instructor, assigned to each a "textbook"—"Contemporary Readings in General Psychology," edited by Robert S. Daniel of the University of Missouri. This book is a collection of articles by scientist-writers selected for "the student taking his first college course in psychology."

Mr. Daniel, in the preface to his book, states that one aim has been to balance selections on subjects in which students are interested with articles on subjects which the teacher considers to be important.

Another aim was to select readings organized around a limited number of topics so that from the vast field of psychology the student may retain a limited number of basic concepts.

Mr. Daniel organized his readings under nine topics, most of which stress the scientific aspect of psychology. But his ultimate goal, he states, is a better understanding of human nature.

The selections vary widely. They include development of theory as well as results and interpretations of experiments in animal and human behavior. Many are controversial and raise questions, whereas others give answers. Mr. Daniel expresses the hope that this situation will prompt the student to discuss and explore.

The class does not plan to cover every reading.

## May SAT Gives Confidence

Memo to juniors: April 21 is the deadline to sign up for your college boards, which will be given May 19.

This poses many questions. /Who should take college boards? Why should juniors take them? Which ones should they take?

Anyone planning to enter a college should think about taking college boards. Not all schools require them, but most colleges ask for the scores if you take the test. The University of Michigan requires them. Counselors have the information regarding which colleges require them.

The biggest reason for juniors to take college boards is experience. William Melzow, dean of counseling, said, "It removes the jitters when the student takes it in his senior year. Almost all who took it both years were glad they did, for they could take the higher score." If the student can afford it, without scrimping, then it is worthwhile to take the college boards in the junior year.

Three tests are offered: the aptitude test, or SAT; the achievement tests, covering various subjects; and the writing sample, an essay on an assigned topic. Advisers recommend that juniors take the SAT only. If you take these achievement tests, it's a long day. If you take one or two, you pay the same price as you do for three tests. The recommended schedule is: May, 1962, SAT; December, 1962, SAT; January, 1963, achievement tests.

Consider these facts carefully. If there is a possibility of going to a college requiring college boards, your counselor will provide you with an information booklet and order blank.

—Lois Livesay

## Skipping Soars with Spring

With temperatures soaring into the glorious 60's, the temptation to commune with nature in clandestine trips to points of interest outside the campus grows stronger and stronger. When a student has been sitting at a desk for hours with only five-minute class changing periods and occasional gym classes to break the monotony, it is a natural although frowned upon urge to yearn for a little fresh air.

Skipping (delicately known as AWOL) has one definite disadvantage, however, exclusive of the chances of getting caught and the possibility of detention hall. That one problem is losing out on classwork or an important test.

No matter how joyful a student is at the prospect of avoiding a test, as soon as the question of making it up arises he is likely to be somewhat less elated at the necessity of assigning some of his precious free time to taking a test he could have taken long ago.

Old tests are also harder to take. If a teacher half-suspects that a student's excuse is not quite valid, he is rightly inclined to be petulant and not particularly eager to reschedule an exam. Also, besides studying for the test, a student must also keep up with his other studies.

Although it is definitely impractical to miss tests, it is equally disadvantageous to miss everyday classwork, no matter how seemingly trivial and tedious. First, the material covered in classwork determines the content of exams, and even if a student doesn't happen to accidentally miss the test, he may find himself taking it over to raise an "F" to a more socially acceptable mark.

Second, since most work leads in gradual steps from basic principles or facts to their applications, gaps in basic knowledge may later mire a student in insolvable problems when their specific facts are needed.

Words, it is true, are not very convincing when a student who has been sedentary all winter sees convertibles provocatively gliding up Crapo Street. I merely point out the crippling liabilities of skipping in hopes that some practical logic will enter into the discussion.

—Marya Lyn Withey



**REHEARSING FOR THEIR SPANISH SKIT**, a take-off on "Ben-Casey," (from left) Carol Weisberger, Marya Withey, Jerry Winegarden, Chuck Omick, and Roberta Dodge diagnose Chuck's illness. Second and third year Spanish students put on the five-minute plays April 2 and 3. (Photo by Darr Johnson)

## Second Year Spanish Skits Receive Awards in Classes

In skits ranging from a take-off on "Ben-Casey" to a wild pie-throwing farce, students displayed their dramatic talents last week when Spanish IV and VI classes produced five-minute plays.

Groups of four or five students collaborated on the writing, acting and costumes of each play.

## Book Glories In Memories

Being a nobody is murder.

I guess I really can't blame you for not looking at me. I'm actually not the most attractive thing on the shelf. Just the same I do have my pride.

Do you realize that I have been sitting up here since January 4, 1958? It has been a long time since I've seen a cheery face or a friendly smile. I get so lonely.

Maybe it's just my title that keeps you from looking at me. Yes, I do believe that it is. Most of my friends are being used off and on for their entire lifetime. Titles such as "The Night They Burned the Mountain," "The Beast in Me," and "Where Did You Go? Out. What Did You Do? Nothing," make a person take them off the shelf and look at them and even read them. But me, who would want to read me? I get sort of tired of being passed by.

It might be, also, that I'm not covered very nicely. Most of the others have nice jackets and some even have jackets over their jackets. But not me. I'm a drab green with no design at all.

Some people have said I am very good on the inside. In fact, for awhile I was on the reading list. That must have been back in 1958. It hurts to know that nobody wants you.

One time I overheard Mrs. Marion McCrady, librarian, say that there were so many books that are overlooked and they were good books, too. I don't know whom she said it to, but I know she was right. But who else knows that I'm being overlooked? Just Mrs. McCrady and I.

Now I wouldn't mind all this if it hadn't been brought to my attention that this week is Library Week. Mrs. McCrady has been saving new books and she is going to put them into circulation this week. This just pushes me further into the shelves.

Just because I'm old doesn't mean that I'm no good. After all, look at the school I'm in. This building has been here since 1923 and it's still good. At least it is still being used.

Third-year students judged the second-year skits third hour and decided who received the awards. "Best actor" was Burt Southard, who portrayed three different characters (a frustrated shoe salesman, a lady customer who demanded a size 11 purple tennis shoe, and her small daughter).

Judges cited Lynn Rudner as "best actress" for her characterization of Maynard Crebbs in a Dobie Gillis skit. A take-off on "Ben-Casey" which included Roberta Dodge, Chuck Omick, Carol Weisberger, Jerry Winegarden, and Marya Withey won the "most original" award.

Ken Siegel's distinguished grey beard won him the "best costume" award. Working in a more difficult dramatic form, Daisy Epps, Rosalind Harris, and Bill King won the award for their interpretation of a Mexican bus trip.

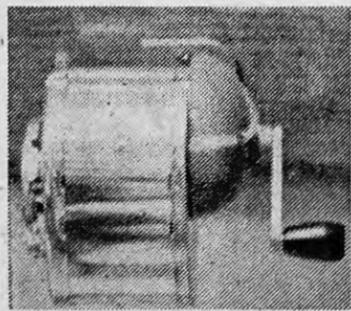
First hour students decided not to give awards. Third year students in that class presented a serious play with philosophical overtones.

Jerald Graves, Spanish teacher, explained, "These plays demonstrated the students' creative ability and got them up in front of an audience. Producing the plays aided the students in speaking Spanish conversationally."

## Manual Provides Measure For College Bound Pupils

What are your chances of being admitted to the college of your choice? If you were accepted there how would you compare with your classmates in school achievements and college board scores? How much and what type of financial aid could you expect from this school?

If these questions are similar to ones that college-bound students in Central are asking themselves, the answers are close at hand. The Manual of Freshman Class Profiles prepared by the College Entrance



**WELL, HERE I AM!** (In full view). Yes, I'm a pencil sharpener who appeared in the last issue in rather an altered manner. (Photo by Darr Johnson)

## New Methods Offer Speed For Readers

Emphasis on education gains momentum every day. One point educators are bringing out is reading. Read all you can.

To aid students, speed reading is offered to them.

Also the Flint Board of Education offered a Mott Foundation course to English teachers. The object was to teach the students indirectly, and to help them learn the method.

Miss Grace Field, English teacher, was the only Central teacher to finish the course. Meeting at Flint Junior College two times a week, the course was an hour and a half long.

The method taught by the Mott Foundation is the hand pacer one. The index finger and the little finger bridge the column and run down it, forcing the eyes to run down the page. This is the straight method, that of going directly down the page, not in curves or other patterns.

At each lesson, the students read each page at a speed of one second. Then, they increase to two seconds, and finally read at their own speed for five and ten minute intervals.

The purpose of this procedure is to turn the page as fast as possible, at the same time seeing words. This is so fast, that the next speed seems comparatively slow, yet is much faster than their own original reading speed.

Miss Field commented, "I advanced from 900 to 1500 words per minute. It is a thrill to be able to read like this."

Students who have taken this course replied that they enjoyed it. John Lossing stated, "I read that way all the time now. My speed increased from 450 to 4,000 words a minute."

It is noteworthy that quite a few of the students of speed reading felt they could and can do much better with additional practice. This is the key to the whole idea.



## THE ARROW HEAD

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