



THE ARROW HEAD



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6 Valedictorians; 1 Salutatorian Head List of Honor Graduates

This year's graduating class will be honoring six valedictorians, one salutatorian, 36 students graduating with high distinction, and 60 students graduating with distinction, on May 31, the date of the honors assembly.

To determine a student's class rank, each final mark earned in his sophomore and junior years as well as the final marks of each one semester course in his senior year is given points: four for an "A", three for a "B", two for a "C", and one for a "D". These numbers are averaged, the valedictorian or valedictorians are those having the highest average and the salutatorian has the next highest average. Students with averages of 3.99 to 3.5 will be graduating with high distinction, and those with averages of 3.0 to 3.49 will be graduating with distinction.

This year's valedictorians are: Ralph Helgeby Jr., Douglas Jenkins Jr., Margaret MacVicar, LuAnne McClellan, Richard Monroe, and Carolyn Utter. Linda Flickinger is the salutatorian.

The 36 students graduating with high distinction are listed according to their class rank. They are: Wallace Weir, Gail Rockafellow, Judith Tetreau, William Ryder, Norma Cull, Suzanne Stitts, David Richardson, John Delos, Barbara Jill Comins, William Holloway, Susan Thorpe, John Seeley, Sandra Peltier, Richard Livesay, Jacquelyn Packard, Richard Horning, Mary Lyn VanCampen, Eileen Locher, Carol Proctor, Sharon Lueck, Gretchen Nierescher, Erwin David Berman, Howard Downing Jr., Linda Pike, Karen Bloomquist, Donna Hardin, Robert Lambert, Michael Mason, Hope Ashbury, Jerome Kasle, Beth Mattson, Susan Goldberg, Ruth Payne, Charles Beldin, Barbara Mezoros, Jack Meyers.

Those graduating with distinction are as follows: Carol Anthony, Suzanne Banks, Nancy Bellinger, James Biladeau, Rose Marie Brustik, David Bullock, Dale Burris, Carl Carlson Jr., Donald Clark, Martha Clutts, Edwin Custer, Ronald Dunn, Priscilla Farrer, Melissa Foster, Mark Greer, Lon Habbkirk, Charlene Holec,

Howard Holsinger Jr., James Honeywell, Rosalie Hudson, Joy Hutchins, Pearl Marie Hyche, Ester Jacob, Dale Johnson, Frances Marie Jones, James Klee, Mary Lacy, Gary Latimore, Thomas Lawrence and Marilyn Lince.

Also graduating with distinction are Patricia Lobb, Kathleen McBurney, Jarvis McEmber, Sharon McIntosh, Tom Mohan, Ann Montgomery, Mary Nagle, Marian Nelson, Maureen O'Heren, Karen Puffer, Linda Redwitz, David Rieder, Gayle Rushlow, Sandra Russell, Terrance Ryckman, Sally Jo Saller, Carol Sue Scott, Roberta Smith, Robert Starmer, Sharon Stewart, Nancy Stokoe, Diane Storz, Judith Tidball, Sharon Tippet, Karen VanConett, Ruth Winkler, Judith Wong, Vera Wood, Emily Worley, and Carole Wright.

J.C. Campus Out-of-Bound For Students

Flint Community Junior College recently brought the "no trespassing" agreement to a sudden head in a letter to Central's Student Council. This letter stated, "We have just opened our new Student Union here at Flint Community Junior College. The Union Facilities are for Junior College personnel only."

This policy has always stood between the two schools, but it is now being enforced. J.C. students found at Central will be removed from our campus just as will Central students found at J.C. The only excuse for breaking this rule will be official business.

Both schools have found in the past that students from other schools around Flint have caused congestion and confusion around the schools during school hours. Several incidents helped prompt renewed action against the people creating these disturbances. Because of this letter and these actions Central has been forced to put out the "no trespassing" sign.

Concert To Feature Variety

Bruce Robart will emcee the Annual Music Benefit Concert in Flint Central High School's auditorium on March 24 at 8:00 p.m.

The a cappella choir, the boys' glee club, and the Madrigal Singers will be directed by Edward German. The girls' glee club and the girls' ensemble will be directed by Miss Louise Doetsch. The concert band, the orchestra, and the

string quartet will be directed by Mr. Robart.

The concert is a variety program which will include many different kinds of music. In past years, outside groups have been invited to participate but this year only Central students will take part in the production because "Central has so much talent in its own groups."

Tickets may be obtained

from members selling advance tickets at 75 cents for adults and 50 cents for students. Tickets may also be purchased at the door.

The money received from the concert will be used to minimize expenses of the entrance fees and transportation cost to district music festivals.

The Vocal Festival was in Sebewaing on March 4. The girls' glee club and the choir participated and received "Superior" ratings. The Instrumental Festival was in Clio on March 18.

Out of the sixty-four bands and orchestras in the Flint area that entered the music festival Saturday, the Central High School band and orchestra both received top ratings.

The bands and orchestras that received superior ratings, including Central, earned the right to play for state ratings April 22 at the University of Michigan.

The bands that participated were all in District III of the Michigan School Band and Orchestra Association and they competed at Beecher, Clio, and Bendle high schools.

Several of the senior high schools who qualified for state competition were: Central High School band and orchestra, Clio, Beecher, Saginaw Arthur Hill, Goodrich, Imlay City, Sebewaing, Akron-Fairgrove, Mayville, and Unionville high schools.



CENTRAL'S STRING QUARTET (from left) Sue Crissey, Gloria Fan, Nancy Hunter, and Judy Yahr, work hard on a selection for the Annual Music Benefit Concert on March 24. (Photo by Dave Rieder.)

Demonstrations, Lectures Spark Science Institutes

Two institutions offering summer classes in different courses are the University of Southern California and Northern Michigan College. Both schools are offering a interesting program that will acquaint students with new problems in the study of science and mathematics. The program will also help students to make a choice of subjects for further study.

Northern Michigan College in Marquette, Michigan offers a program to 45 highly selected high school boys and girls, preferably those who have just completed their junior year in school and who have taken a course in physics or chemistry. John Starmer, a student at Central, attended Northern Michigan College last summer.

The heart of the program at Northern Michigan College

will be a series of lectures, demonstrations, and laboratory exercises on physics by Professor Leo Nedelsky of The University of Chicago. Tuition in the program is free and the costs will be assumed by Northern Michigan College and the National Science Foundation. This does not cover the cost of room and board which is \$132 per person for the four weeks of the Institute.

Each applicant must be nominated or sponsored by a high school administrator.

The University of Southern California offers a program to superior high school students who have completed their junior year. Only 36 students can be accepted into the program. This institute was attended by Linda Pike last summer, a Central High School student.

CHS Students To Cast Votes For SU Slate

As spring is just around the corner, it is again time to focus our attention on the annual election of the Student Union Officers for the coming year. The ballots are to be cast May 3.

There are several rules which govern election procedures and candidates for office. Only seniors may run for the presidency while the vice-presidency is open only to juniors. The offices of secretary and treasurer are open to a candidate from either class.

All candidates must have a "C" scholastic average throughout their high school years and an average of 1-2.9 in personal trait ratings. Sophomore averages will be based on their ninth grade ratings.

Petitions may be obtained from Miss Mabel Pinel. They must have at least 40 signatures and must be filed with Miss Pinel no later than April 21. The candidates will deliver their campaign speeches April 25, 26 and 27.

During a student's campaign, he must remember that signs must be suspended only from the molding for no tape may be used. Signs cannot be hung over pictures or clocks.

Signs may not be put up in classrooms without the teacher's permission, then only on bulletin boards over the blackboards.

Material which would litter the floor is prohibited.

The final rule is that no campaigning may be done in any manner outside the school building.



WORKING HARD TO MAKE this year's Junior Couple Dance a decorative one are (from left) Kay Weaver, Paul Tamraz, Tom Fidler, Nancy Thorson, chairman of entertainment, Dave Walton, and Janis Stein, who is in charge of publicity. The product of their work will help carry out the theme, "Twilight Descends." (Photo by Dave Rieder.)

Juniors Choose Twilight Theme

Shades of lavender and blue will provide a lovely background for the juniors at their couple dance April 14, in Ballenger Field House. These colors, chosen to carry out the theme, "Twilight Descends," will be displayed throughout the decorations.

Brahm Ward's orchestra will provide the dance music from 8:30 to 11:30. The admission for the dance will be one Student Union card for each couple. Dress for the dance will be semi-formal.

Committees and their chairmen are as follows: Decorations, Nancy Stanfill; refreshments, Jean Briner; clean-up, Nancy Thorson, Cathy Parkhurst; and publicity, Janis Stein.

Ballenger Field House will be the site of the last Student Union dance before the junior couple dance and the senior prom.

The Sadie Hawkins dance is March 25 from 8:30 to 11:30 with casual dress. This is unusual, because Sadie Hawkins dances are Leap Year events.

Bob Alexander's band will provide the music for the last all school social event.

Jill Comins is in charge of publicity while Kathy Parkhurst, Nancy Stanfill, Pat McGehee, and Karen Emiry are decorating under the direction of Sue Gillett, Student Union social chairman.

Melvin Safe on April 1 Only

After dressing in khakis, the standard garb of a civil engineer, Melvin (the name has been changed to protect the guilty) pocketed a ball of twine and headed for a busy downtown street.

Upon arriving at his selected corner, he began searching the crowd for his first victim. Finally, Melvin stopped a distinguished looking man, told him that he and his friends (fictional) were surveying that area, and asked him to hold the end of a string for a moment.

Upon receiving his assurance, Melvin strode around the corner and accosted in like manner another unfortunate stranger and then quietly left.

For all Melvin knew, the two suckers stood there all day.

Such are the practical jokes perpetrated each day on unsuspecting people. The only difficulty with such jokes is that the jokester doesn't know where to draw the line. Under the cover of darkness and hidden behind a telephone many a jokester has raised the temperature of a sleeper at 2:00 a.m. by saying, "Is this Joe's Bar?"

It's evident that jokes can make the victim either embarrassed or angry. The funny man may find his number of friends dwindling as his jokes increase or he may even find himself caught by the long arm of the law. With the recent publicity of plane bombings has come a series of amusing incidents in which passengers have jokingly said they had a bomb in their suitcases and suddenly found themselves in court.

Only on April Fools' Day do most people refrain from flipping their lids when Melvin shakes hands with them with a cold, slimy clam in his hand.

Like Melvin we must be prepared to be tied up in our joke if we're found out or maybe receive a punch in the nose. Real funny! Ha Ha!

—Chuck Beldin

Behavior Merits Brush Up

What has happened to our library manners? Several weeks ago the Flint Public Library made it necessary for all students who planned to study at the library before 3:10 to have a corridor permit signed by Stanley O. Broome, dean of students. Recently, Mrs. Marian McCrady, Central librarian, announced that the conference rooms in our library would be open only to students with a teacher in charge. Why has it been necessary for the libraries to take such measures?

The answer is that some of the students who have taken advantage of the facilities offered by the Public Library and by our library have shown a general lack of adult behavior.

According to Mrs. McCrady, the problem of students eating in the library is much worse than it has been in many years. This is one of the most important reasons why the conference rooms have been closed.

Students socializing and meeting friends for a gossip session is the biggest problem in both libraries. Before it was decided that students must have permits to go to the library before 3:00, students crowded into the Public Library to wait for friends who do not get out of school until 3:10, they monopolized the phonographs in the Art, Music and Drama Department so that adults could not use them, and were unnecessarily noisy and rude.

According to Mrs. Julia Russell, librarian of the Young Adult Department, the necessity of having a permit has almost eliminated the problem at the library. She states that "the library is very glad to have teenagers use the facilities to read, to study and do research," although they would prefer that the reference room is used for only doing research work and not for doing homework.

In our library, the problems of eating and socializing still remain. Mrs. McCrady says that courtesy is the best rule for using the library. Courtesy can be shown by each student's remembering that the library is a place to read, to study, and to do research QUIETLY. It can also be shown by taking good care of the books—handling them with clean hands, not marking them, not using them to place candy bars and pop bottles on, and not cutting pictures from them.

Everyone is handicapped by the discourtesy of a few—so, let's brush up on our library manners and show courtesy in our libraries.

—Hope Ashbury

Easter Eggs Old Custom Everywhere

Des oeufs! Los huevos! Die Eier! Eggs!

Coloring eggs is a custom which is practiced wherever Easter is celebrated. In fact, even the origin of the custom is a combination of several religions and nationalities.

To Christians, the egg is a symbol of the Resurrection, a symbol of the revival of nature. In the Jewish Passover, a hard egg was placed in the center of the table representing a bird called Ziz.

In Germany, a young prince once presented an extremely large iron egg to a princess. She, insulted by the gift, threw the egg to the floor. The egg flew open and revealed a golden yolk in which there was a crown of rubies and a diamond engagement ring. The iron egg is now on display in the Museum of Berlin.

In other countries, also, it was the custom to color eggs and draw inscriptions and designs on them. The colored Easter eggs were then exchanged in much the same way as valentines are today.

Here in the U.S., it has become a custom for the President and the First Lady to be hosts to many children who participate in an egg-rolling contest on the south lawn of the White House. Each child rolls his egg down the hill trying to hit the other children's eggs. The child who finishes the game with an unbroken egg is winner.

In Flint, too, Easter eggs are a large part of the Easter festivities. The International Institute presented a program March 14 in which people of different nationalities showed how they decorated their Easter eggs. The differently designed eggs were placed on an "egg tree."

So, you see, Easter eggs are an important custom everywhere—in Europe, in the U.S., and in Flint.

Thundering Horde Bent On Destruction of Grass

Squish, plop, plop, trample, thud. Another blade of grass bites the dust. Once again with the coming of spring the patter of big, galumphing feet echoes across our muddy campus. Once again the great mass of wet grass conceals a sea of oozing mud.

There is one change though. This year a great savior has arisen to save those poor blades of grass from utter destruction. This is the year of the great silver chain fence. Through the benevolence of the Board of Education, a long succession of silver posts and chains now enclose our grassy domain.

A question arises though. Can it save the grass? Doubts race through your mind as you recall the 2:10 and 3:10 dismissal bell rush. Here you see one group of students with one-track minds. They learned at one time or another that a straight line is the shortest distance between two points, and now they are determined to prove the theory. The line always dissects the grassy mass.

These students do differ in their attempts to get over the fence, but they fall into one of three groups. The first includes the conservative people who calmly crawl under it and then continue to saunter on their way. The second, more aggressive group likes to put one foot on top of the chain and then with one graceful movement pull themselves up and over the fence. The enthusiastic third group merely hurdles it.

There is another side of the



FASHION DECREES the "pointed look" in shoes. Judy Nelson shows that tennis shoes can be chic too. (Photo by Douglas Ranger)

Pointed 'Peds' Probable End

Pointed or round? That is the question asked now by teenagers buying tennis shoes.

Last summer the shoe industry added pointed tennis shoes to their stock. Since pointed flats were liked so well, they figured that pointed tennis shoes would also be liked.

Baker's Shoe Store downtown carries very few pairs of the round-toed tennis shoes because there is a larger request for the pointed tennis shoes. The same is true of Haig's Shoe Store, also downtown.

Barbara Lueck, sophomore, thinks they flatter the feet. Darr Johnson, sophomore, said they help establish his theory that everyone will eventually have one pointed toe.

Whichever you prefer, the rule is still the same—"the dirtier the better."

Machine Controls Weather

"A fantastic machine that controls the weather." Does this sound like a science fiction story? The old saying, "Everyone talks about the weather, but no one does a thing about it," has finally been outdated. The weather

Sophomores Explore Lit. In English IV

Fourteen students in James Bearden's two sophomore English classes have the opportunity of doing advanced work in literature.

The idea behind the special program is to provide better English students with assignments that will make use of their capacities. Mr. Bearden said the group plans to explore literature fully—including novels, short stories, essays, and poetry. Participants in the program will also have chances to do some creative writing themselves.

According to Mr. Bearden, the group will be given various assignments and every once in a while hold a seminar after school.

So far the reaction to the idea has been very favorable. Darr Johnson of group 74 said he thought it was "much more interesting than the regular English class." Lois Livesay, group 75, observed that the group "is worthwhile and we should accomplish a lot through it. It's making English more of a challenge for us."

Victoria Fan of group 65 feels that the program "will help us increase our power of writing." Perhaps the best estimation of the experimental plan's worth was expressed by George Balser, group 52, who said, "I wish it could be enlarged so more students could participate."

can now be controlled, on a limited scale.

This "fantastic machine" is performing its miracles in Central's biology lab. It is known as a climatarium and is manufactured by the Sheldon Equipment Company as an environment control cabinet for the study of plants and animals.

The climatarium allows selection of a light source with the color characteristics desired. A lightproof is also available to plunge the climatarium into total darkness. A flexible heating cable allows several methods of heating. Each is thermostatically controlled. The humidity in the cabinet is also controlled by the cable.

With the climatarium, a cold day can be transformed into a warm spring day. The lighting system can be set to allow "daylight" for any given length of time. Of all environmental characteristics that affect an animal's or bird's basic instincts, light has proven to be the most important.

Students Speak

Dear Editor:

With the many problems and difficulties facing the world, this problem might seem of little importance but it is growing into quite a large one.

In the cafeteria during the third lunch period, as well as in the other lunch periods, as one waits in line to be served, there are some students who don't know how to wait for their turn. Every day they cut into the line in front of other students who have been waiting for five minutes or more. These students don't seem to realize that other students have the same time for lunch as they do and the other students may be in just as much of a hurry as they are. These students don't ask to get in front of anyone, they just walk in front of anyone without the least consideration.

This should be stopped, for these students are not behaving like senior high school students. This is a practice that one might expect to find in elementary or junior high school but not in senior high school. Unless these people learn to be considerate of others now, what will they be like when they embark into the world?

One way this problem might be solved is to have a teacher standing by the line and when someone cuts into the line, the teacher could expel the student from the cafeteria for a week or more. It may be quite a childish way of keeping students in line where they belong, but the situation calls for much drastic action.

—Tired of waiting.

THE ARROW HEAD

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Injun Antics

Students Receive ISC Pins

Edited by Karyl Swayze

Eleven members of the Flint Public Schools Inter-School Council received their membership pins about March 17.

Central's representatives to this Inter-School Council are Courtney Adams, junior, and Sue Gillett and John Seeley, seniors. These three received pins decorated with a book and quill with a '61 guard pin connected at the top of the pin. "Student Council Inter-School" will also be inscribed on each pin.

The purpose of the club is to promote a unity between the three high schools. This year the council concentrated its efforts on an inter-school calendar. This calendar reduces many conflicts between the extracurricular activities of the three schools.

The council has about three meetings a year. These meetings take place after a noon luncheon at one of the high schools. The next meeting will be in April at Southwestern.

Central's Student Council sponsor, Stanley O. Broome, said in regard to the council, "I think it is almost a must with the three schools and an absolute necessity with four schools to coordinate activities, type of activities, and for democratic procedures between the schools."

Members of Central's Business Club were hosts to Mrs. Alexandra Barnes, secretary to Dr. Spencer W. Myers, superintendent of schools, on March 15.

In her talk Mrs. Barnes told the members some of her interesting experiences as secretary to Dr. Myers. She also talked on the qualifications of a good secretary.

After the meeting refreshments were served. Mrs. Julia Grotts is the club's sponsor.

Former Central student Miss Sue Steffens completed an 11 week training period as a cadet teacher to Mrs. Kathleen Schindler, girls' gym

teacher, last week. Miss Steffens attends Michigan State University and plans to be a physical education teacher in Flint after she graduates.

Miss Steffens graduated from Central in 1957. She enjoyed returning to Central, working with many of her old teachers, and especially working with the cheerleaders, as she was one herself.

While she was here Miss Steffens taught the unit on Swedish gym exercises and assisted with other units. She officiated the intramural basketball games also.

Study Spanish in the balcony of the Capitol Theater? Well, it may sound fishy but it is legitimate as Jose Greco and his Spanish dancers will be performing in person on stage, March 31, while the Club Espanol and its guests look on.

About 25 members and their guests will watch the world renowned dancer from a front section of the balcony. Jerry Graves, club sponsor, and his wife will keep one eye on the dancers and one eye on the students while James Bearden, German teacher, and his wife struggle to understand and speak Spanish with the group.

Senor Graves states that our German teacher will have to speak Spanish, no German.

Dr. Blythe, who is director of the honor science department at Michigan State University, lectured to college preparatory students at Central, March 15.

The purpose of the lecture was to explain matrices. Matrices are a recent thing which are being taught more and more to engineering and math students in college.

A matrix is just a system of numbers and a system of using them.

Dr. Blythe also told of the summer institute offered at M.S.U. each summer. The program has room for 100 students, who will study math and are science majors.

Cadet teachers are now corresponding with girls living at an Air Force base in France.

The girls are daughters of Air Force personnel, and their sponsor is Miss Barney, who is a former Central teacher. These girls are attending Dreux American High School.

The cadet teachers started corresponding with the girls in France as a group and are now writing to them individually.

French Club Hears From Mssr. Forbin

Monsieur Luke Forbin, a G.M.I. student from France who has been in this country only six months, spoke to the French Club, March 14.

Monsieur Forbin explained that his first impression of the United States was not very good because he landed in New York City right after one of the hurricanes had struck the coast. He said, "I had to hold on to a lamp post to keep from being blown away while I hailed a taxi."

Talking of Flint, he said that a "small" town was a change after larger cities such as Paris and London. He said that the friendliness of the Americans has shown him that Americans are more interested in people than the French are, although he



PREPARING FOR THEIR ROLES IN "CRADLE SONG," a Junior College production, (from left) Miss Jacqueline Kramer, Nancy Thorson, Lynn Rudner, and Sue Foreman, former Central student, admire their adopted "child." (Photo by Larry Stecco, J. C. Clamor photographer.)

Seniors Review Physics Courses

Six seniors spent three days after school to review the PSSC physics course they'd taken last year as juniors.

The students met Wednesday, Thursday, and Friday (March 8-10) from 3 to 5 p.m. Elmer Galley, science consultant for the Flint public schools, and Robert Shaw, physics instructor, conducted the class.

The seniors who attended the class took the College Board Achievement Test in PSSC physics March 18, and used the class as preparation.

Each night the class covered a quarter of the book. Don't ask what's wrong when one-quarter of the book for three nights equals only three-quarters and not the entire book, because Mr. Shaw stated that it is "our theory that the College Board test will cover only three-quarters of the book because no regular class meeting this year will have covered any more material in the book by this time."

The students were able to review the material any way they wished. Usually they read the text for about one half an hour and then discussed the ideas. Often they retook the same tests they'd taken last year. Each student retaking the test was able to take it in one half the time or less, not over 22.5 minutes, and score 25% higher than they had last year.

Mr. Shaw stated that the test results prove that "although the course may not seem of much use at the time, it will pay off after the knowledge has had a chance to settle down."

thinks that French people have more close friends.

Arriving here during the recent presidential campaign, Monsieur Forbin said that he was "shocked", and interested to find that television and other advertising were used in the campaign.

Mssr. Forbin explained that the classes in French schools are more formal than those in America (boys must wear suits and ties there, and the teachers do not seem so relaxed). France, he says, also has a teacher shortage.

Mssr. Forbin, who has the equivalent of a doctorate in mathematics, has been sent to the U.S. by GMOC (General Motors Overseas Corporation) to learn the American approach to problems.

Anyone interested in the history of PSSC physics might like to know that these initials stand for "Physical Science Study Committee."

The class was originally planned to last a year and a half. Biology was to be given in the ninth grade, and then chemistry and physics would each last one and one half school years.

When the above stated plan fell through, a year and a half's work was put into a one year course of study. Mr. Shaw states that this is why "the PSSC students feel rushed."

Panel Discusses Intensives

To promote a better understanding of the intensive program three Central representatives—William Melzow, dean of counseling; John Howe, history teacher; and Marya Withey, a junior—talked to Whittier students and their parents, who are considering the program.

The meeting took place in Whittier's auditorium at 7:30 p.m., March 13.

Mr. Melzow, speaking from the administrative standpoint, described the program as an attempt to challenge academically-talented students. A student takes one or more intensives according to ability (an equal number of intensives in each of the two fields of humanities and science - mathematics.)

In the four intensives now available — history, math, science, and English — the student completes a normal two year course in one year. The course carries double credit, enabling the student to take some college courses in his senior year.

Mr. Melzow noted that the three most common methods of dealing with the talented child are segregation, acceleration, and enrichment. Parts of each of these three methods are embodied in the intensive program.

To be eligible for the intensive program, students must be in the upper ten per cent of their class according to city norms.

A student may withdraw voluntarily from the program at any time. He may also be dropped after consultation if he does not keep up with his work.

Mr. Howe detailed his experiences in teaching the intensive history class. He cited the small size of the class (15-19) as an important factor.

3 Centralites Show Talent In J. C. Play

Taking part in the last Junior College play were two students and a teacher from Central. Playing leading roles in "The Cradle Song" were Miss Jacqueline Kramer, Lynn Rudner, and Nancy Thorson.

The play, written by Gregario and Maria Martinez Sierra, involved a natural instinct for motherhood. The thesis stated that within every woman there is a spiritual child, waiting to be loved—waiting for the cradle song.

The two-act comedy took place in a cloister convent in Spain. A small baby was left at the convent by an unwed mother, and the nuns took it in. The story dealt with their reactions to the child.

Miss Kramer portrayed the Mother Prioress of the convent, Lynn Rudner played Sister Joanna of the Cross, and Nancy Thorson was Sister Marcella.

This play was the third of a series of four European classics which the Flint Community Junior College Theatre is presenting. It was first produced in 1911, and last year Judith Anderson, Helen Hayes, Siobhan McKenna, and Charles Bickford starred the television production.

The play was presented at the Bower Theatre March 15 through 18.

NSTA Invites Science Prof

Representing Central at the Ninth Annual National Science Teacher Association convention is Edward Brigham. March 24-28 will be the dates of the conference, which will meet in Chicago.

The purpose of this convention is to learn new information of science and to exchange teaching techniques.

Mr. Brigham will be on a panel discussion on "The Use of Case Histories in Developing Science." These case histories are studies of scientists who have contributed a great deal to science and to their discoveries.

Mr. Brigham's first hour class is exposed to the case history of (a) "Frogs," which is man's knowledge of muscles (b) "Cells of life"; this history is concerned with the development of the cell (c) and the "Sexuality of plants," this is man's understanding of reproduction of the flowering plant.

Because he has been presenting these case histories, he was chosen to attend the convention.

The program will consist of scientific lectures, discussions, and panel discussions.

Teachers in many fields of science such as biology, physics, chemistry, zoology, etc., will attend this meeting.

This is the first conference of National Science Teacher Association which Mr. Brigham has attended.

Slogans Win Confections For Writers

For submitting the best slogan for the United Fund Drive next week, March 27-30, Holly Montgomery, group 77, received a box of chocolates. The winning slogan was "United Funds Make United Friends."

Emily Worley, group 51, won second prize with her slogan "Dig Down! Dig In! and Give!" Third place winner is Pat Cole, group 54, with the slogan "Go All Way, the United Way." Second and third place winners also received a box of candy.

Charles Hagler, group 72, and Pearl Hyche, group 39, received honorable mention for their slogans—"Give a little, help a lot" and "Give United."

The winning slogans were selected from almost 100 entries. The drive will officially end March 30.

Jack Meyers, chairman of the Welfare Commission of the Student Council, headed the United Fund Drive.

The money from the United Fund Drive will be divided between various charities, and the clothing will be sent to Tennessee mountain people.

Class Forms Phi Sigma Chi

Phi Sigma Chi, which stands for Public Speaking Club, is the name of a newly organized club at Central. Meetings take place every Friday, first hour in room 402.

The club is made up of the 25 members of Miss Jacqueline Kramer's Public Speaking II class, and the purpose of the club is to give students a chance to practice parliamentary procedure.

The club has written its own constitution and new officers are elected once a month. In this way each person is given a chance to officiate. The first officers were Larry Burtrum, president; Bob Barajas, vice-president; Diane Appleton, recording secretary; and Sarah Bowers, treasurer.

At each meeting a program is presented. Larry Burtrum, president and varsity football player, recently commented on a movie of the Central-Pontiac game, shown through the courtesy of Robert Leach, varsity football coach.

Talent Tackles Tools

In Robert Starmer's fifth hour Woodshop III class, which is a beginning machine operation course, students are



MUCH HARD WORK AND TIME went into the building of this bedside table made in Robert Starmer's Woodshop III class. The tables were class projects during the past semester. (Photo by Dave Rieder.)

gaining experience and usable knowledge in working with wood.

During the past semester students in the woodshop class have learned to use the jointer and circular saws. The class project was building bedside tables which were designed by Mr. Starmer.

The boys who made these tables "from scratch" were George Baksa, William Bell, Donald Brown, Donald Fader, Dave Storm and Jim VanOrder. Others were Charles Vines, Larry Athey, Larry Sparks, and Jim Wilcox.

Each phase of the operation has to be demonstrated by Mr. Starmer before the boys try their hand at it. The operation of the machines along with the shaping, cutting, and sanding has to be perfected before it can be applied to the projects. Because of this careful training, a full semester is required for most of the projects.

Each student made a drawing of the table from a pilot model which Mr. Starmer had made.

From a choice of American black walnut, cherry, or mahogany wood, the boys rough stocked or shaped the wood into the individual pieces.

The pieces were then glued into position forming the table. Frames dividing drawer space were constructed, then the drawers were built.

The legs were smoothed and rounded before the planing and sanding of the 24 x 18 inch table.

Shellacing and lacquering followed and the table was completed for a cost of about \$4.50. The retail price of such a table would be about \$35.

Present semester projects are buffets, cedar chests, and desks which Mr. Starmer also designed. These projects will teach the students to use the band saw and surfacer. The cost of these projects are: buffet, \$25 to \$30; cedar chest, \$16.35; desks, \$20.

"The objective of the course is to teach the students how to work with wood and to use the tools connected with it, but the main objective I always have in mind is to make my students better citizens," states Mr. Starmer.

Trading Post Kids Talk Communism

Compiled by Jill Walcott

"Communism versus Democracy" was the title of the first after school seminar at Lyons Township High School, La Grange and Western Springs, Illinois to discuss the communistic threat and general world affairs. If enough students show interest in this forum, a non-credit communism seminar may be offered next year.

This amusing tidbit appeared in The Creston Echo, school paper of Creston High School, Grand Rapids, Michigan.

"What's wrong?" cried the wife when her husband bellowed from the bathroom.

"My razor; it won't work." "Don't be silly," she responded, "your beard can't be tougher than the linoleum."

One of the English classes of East High School, Des Moines, Iowa, spends twenty-minutes, four days a week, watching

an English television program relates the East High Scroll, school paper. Seventy-five per cent of the students feel they are learning more from television, eighteen per cent like a regular class better, and seven per cent have no preference.

Published in the Centralia, school paper of Bay City High School, was this article:

"Willie," said his mother, "I wish you would run across the street and see how old Mrs. Brown is this morning."

"Yes'um," replied Willie, and a few minutes later he returned and reported.

"Mrs. Brown says it's none of your business how old she is."

East Detroit High School is sponsoring an exchange student drive. Various clubs including the Varsity Club and Social Studies Club and the athletic department have contributed money to this cause. A goal of \$695 must be reached before the exchange student comes to East High. At present donations total \$350, states the Shamrock, school paper.

Electronics Incorporates Lab Projects

Stereo amplifiers, inter-com systems, test instruments, and a lie detector are all products from Central's electronics class. The class, that has been taught every year since 1942, is presently being given to 15 students by Ward Walworth, Central physics teacher.

The class, a two semester course, is preferably offered to juniors and seniors. Those who wish to take the class should have had at least a year each of algebra and geometry, and do C or better work.

During the first semester the work is primarily theory; such as inductance, capacitance, resonance, oscillators, electronic tubes, and transistors.

The second semester work includes individually built electronics projects constructed in the lab. The class work for this period includes explaining how the project operates.

In addition to the projects listed above the students have also built radios, hi fi amplifiers, and a computer that did only one problem, involving a falling body.

Just a Reminder ..

Star-studded skies will entertain students attending the seniors' planetarium program March 26. Being Palm Sunday the program presented, which is entitled "Easter Skies" will be in keeping with the season. The program will last from 6:30 to 7:30 on that evening.

Tickets for each of the seats will cost 65 cents. These tickets are available through the group representatives of the Senior Board of Directors and members of the senior class. These tickets are not available at the door.

This star-program will be led by a guide and a lecturer who are provided by the planetarium. It will be their job to relate the interesting legends of the skies that are connected with Easter.

This project marks the first time that a class has sponsored such a program.

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Wanna Trim a Few?

Exercise Clubbers Work Out

Stretch, pull, and relax. Stretch, pull, and relax. These encouraging words echo through the girls' gym every Monday after school during Exercise Club.

About 50 ambitious girls gather for a "work out" once a week. After organizing six exercise lines, the activity begins. Sit ups, knee bends, and toe touches are mixed in with groans and cries of agony.

For nearly an hour, Mrs. Kathleen Schindler, Miss Patricia Odgers, and Miss Sue Steffen conduct the exercises which are to help the girls keep trim and active. "The trick to the trade," stated Mrs. Mary Lou Foxworth, who also is a member of the club, "is to burn up through activity the same amount of calories you eat."

Along with regular exercises will be the use of the pool. This will be used for additional activity. Also in a few weeks, the exercises will be done to music which will help the girls relax and enjoy burning calories.

"The purpose of the club, which also has initiated a regular diet program is to supply companionship while keeping trim. Girls can also concentrate on losing inches and on muscle tone," according to Mrs. Schindler.

Any girl wishing to participate in this worthwhile organization may sign up in the girls' gym office.

"The hardest part of the ex-

ercising is trying to keep a smile while pulling and bending," states Jill Walcott, an enthusiastic member.

Ten sports points are awarded to each girl every time she participates. These points go toward sports letters and membership into F-Club, Central's girls' sports club.

Synchronizers Start Practice On Swim Show

"Practice, practice, practice," is a familiar call from Mrs. Kathleen Schindler. The 1961 synchronized swim show is under way.

Many clever ideas were submitted to Mrs. Schindler for show themes. They were discussed by the class, and the theme was finally chosen. The show is dedicated to many symphony selections. The show is entitled "Swimphony." Colors and costumes will be related to the title of the music.

Working as student directors with Mrs. Schindler and Miss Patricia Odgers are Sue Gillett, Nancy Hunter, and Carol Scott, seniors, and Kay Kliss, junior.

The show will take place April 27, 28, 29 in Central's pool.

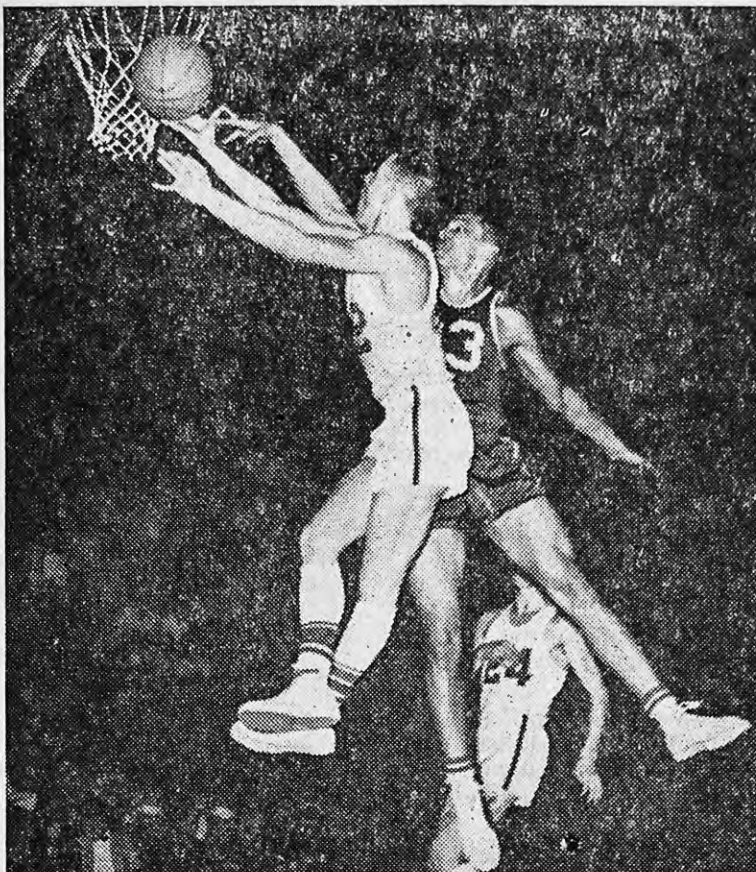
The girls to compose the opening and closing numbers are chosen according to ability.

Girls' practice sessions are for one hour per group. Each group swims for a half hour and practices on land in the gym for the remaining time.

The show consists of ten groups. Each group contains from two to five people. Carol Scott, senior, was given the only solo number for the show.

So from now until April 26, the girls will practice, practice, practice!

Tribe Topples Trojans, 67-52



GEORGE SKAFF, SW GUARD, attempts to block one of Rick Moore's buckets. Jerry Roberson is in the background. Moore helped Central defeat SW with 15 points Wednesday, March 15, at the IMA. This was Central's third victory in the regionals. (Photo by David Rieder.)

CHS Netters Win Regional

Running through the regional wristwatch Central cagers road the second hand as it swept the field for a 67-52 upset over top rated Saginaw High School.

After gaining the lead early in the first quarter Central never let go. Fast action, quick thinking and hard shooting made the way for marching past the previously undefeated Trojans.

Cloyce Dickerson once again matched his season high scoring record with 25 points, leading the way as high point man. Jim Toles followed with 12 points, Rick Moore with 10 points, Roberson with 11, Dick Horning with 7 and Jim Merriweather with 2 points.

Central achieved a .682 average in hitting 15 of 22 free throws. A .347 average was attained making 26 for 75 tries for field goals.

Saginaw hit 8 for 18 free throws and 22 field goals. Jerry Tillman led Saginaw scoring with 22 points. Ernie Thompson hit 19 points. Brian Best with 5 points. Bob Speer, John Jacobson, and Woodrow Kellum hit two points each.

Central was awarded the Class A Regional Trophy for the 67-52 victory over Saginaw.

Central had fallen prey to Saginaw in both the regular season meetings 79-74 and 76-72. Saginaw played 18 straight undefeated games before the regional upset that cost them their chance for state championship.

Cagers Take SW for 3rd Time

Blazing their way to the state quarter finals Central claimed their third straight victory over Southwestern in their first game of regional play.

Jerry Roberson led the scoring with 21 points, followed by Cloyce Dickerson with 19. Jim Toles and Rick Moore tied with 15 points each and Dick Horning followed with 8 points.

In the midst of fourth quarter tension Jim Merriweather made two points. Coach Dowdy's squad shot an average of .361 hitting 35 for 97 field goals. The cagers hitting 10 for 18 free throws attained a .555 average.

Central moved ahead, after a slow start, to a 91-43 scoring spree romp over Lapeer High School in the first game of the district play-offs.

Cagers Dick Horning and Jerry Roberson tied as high point men with 15 points each. They were followed by Cloyce Dickerson and Rick Moore with 11 points each. Jim

Toles was close behind with 10 points.

Central closed in on Beecher for an 80-57 victory at Southwestern in the last game of the district play-offs. Cloyce Dickerson led the scoring with 25 points, tying his season high. Dick Horning followed with 19, missing his season high by 1 point.

Central has won the district play-off trophy in three of the last four years.

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Sag. Valley Teams Eye Co-championship Indians

Although the distance between Flint and Cincinnati, Ohio, is 206 miles, both the Cincinnati Redlegs, a major league baseball team, and our own Central squad will have something in common when our diamondmen take to the field this spring.

Unfortunately, we will not possess the caliber of ball Cincinnati will play, but rather we will be fitted in every grace of a big-league player as we will have new uniforms like Cincinnati's in style.

The main feature of the uniforms is their being vest style, instead of having sleeves covering the shoulders.

Black inners, in T-shirt fashion with 3/4 length sleeves, will be under the vest-like tops which are gray in color as are the other parts.

Our nickname, "Indians," will be spread across the chest in a tackle-twill composition, so the letters will not lose their shape when washed.

Central's colors will appear in a red-black-red piping fashion around the neck and sleeves of the tops. The pants will also have thin red-black-red piping down the sides.

Numbers will be found in the front in a four inch block, while on the back an eight inch numeral will be present. The pocket flaps of the gray pants will offer a contrast in being black.

The new uniforms plus about 12 dozen balls and three dozen guaranteed bats came via head athletic director Napoleon LaVoie's approval.

Unknown to most students, Mr. LaVoie budgets so much money for each sport Central represents.

Due to his skillful work, Central has been able to continually build up their inventory each succeeding year.

Last year our baseball squad was outfitted with new warm-up jackets.

With the early season workouts beginning to take form, Tim Bograkos, varsity coach, commented he was "highly pleased with the progress made and the spirit of the boys was more than I could expect."

Like all teams, the Tribe

will encounter setbacks before the season even begins. The case in question this year was Jim Fent, senior. Due to an illness he will not be able to compete this season.

"We were very sorry to get the doctor's report on Jim, as he was counted on being our first baseman this season," said Coach Bograkos.

Central does out-distance Cincinnati in one respect, though. That is, they were co-champions of the Saginaw Valley conference with Saginaw High School when Cincinnati finished sixth in the national standings.

With eight returning lettermen and a 7-3 record last season, the Indians and Saginaw will be eyed by the other teams.

Although new uniforms never made a good baseball team, new and better equipment has molded many a champion in the past.

13 Swimmers Gain Letters

Coach Wally Dobler's swimmers, after an accomplished season, attended the swimming banquet in the boys' gym Tuesday, March 14.

Varsity letter awards were presented to eight seniors, three juniors, and two sophomores. The seniors were John Kaufherr, Gary Latimore, both co-captains, Roger Kapp, Dave Richardson, Ron Nelson, Jim Mirgon, and Mike Mason. The juniors receiving awards were Charles Hodson, John Siler, and David Schafer. Ed Bottrell and Rick Skellenger, both sophomores, also received varsity letters.

The Bob Richardson Trophy went to John Kaufherr chosen as the most valuable swimmer. The Cliff Sackrider Award went to Mike Mason chosen the most improved swimmer.

Junior varsity awards went to Wes Weaver, senior, Dave Bullen, junior, and sophomores Bob Kraft, Dave Johnson, Jim Gardner, Jack Cooper, Larry Piper, Bill Martin, and George Cook.



ENGAGED IN A PEPPER GAME are (from left) Denny Lang, Timm Rye, Bill Ryder, Steve Bowyer, and captain Tom Jenner. Preparation is well under way for the first game of the season. Weather conditions have hampered outdoor practice since practice began on March 1. (Photo by Dave Rieder.)

Harriers Prepare for Nine Meet Season

Working hard is Central's track team, which with the help of nice weather, has been able to have occasional outside work-outs.

Some of the prospective harriers have been competing as AAU members with the Flint Track Club which has given them extra conditioning.

Carl Krieger will be coaching all sprinters, hurdlers, and field events while Varnard Gay will coach all distance runners.

Returning letterman Charles Millender and Fred Evans, along with non-letterman Norm Alexander, and John Grant are all good prospects in the shot put.

Bill Robinson, Sherman Wallace, and Ewell Carter all figure in Coach Krieger's plans for this year's sprinters.

After basketball is finished, high jumpers Cloyce Dickerson and Jim Toles are expected to report to practice.

Goldie Dickson, Bill Lee, and returning letterman John Turner are expected to handle this year's pole vaulting duties.

Coach Gay, who is working with distance men, says he expects a lot from returning lettermen Bob Deneen, John Shaw, Hercules Mitchell, and Hiram Brisker.

The have a nine meet schedule including the regional meet, valley meet, and state finals. It does not, however, include the Northern, South-western or city meets. The dates of these meets have not been decided upon.

1961 TRACK SCHEDULE			
March 25	Huron Meet	(indoor meet)	Here
April 4	Saginaw	(indoor meet)	There
April 7	Sag. Arthur Hill	(indoor meet)	There
April 21	Pontiac		There
April 25	Bay City Central		There
May 3	Regionals		
May 5	Valley Meet	(night)	MSU
May 20	State finals		

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