

Kingswood Column

By JOAN McDONALD

As the end of one year creeps closer the school seems to be edging more and more toward a new one.

Recently the new Study Hall committee members were announced.

Headed by chairman Margi Greaves, the committee consists of Jane Miley and Roseanne Rinaldi (present juniors), Susan Aronoff, Suzanne Mays and Judith Frink (sophomores), and Julie Frank and Nancy McKay (freshmen).

The duties of the committee include scheduling monitors, enforcing study hall rules, and providing for the efficient running of the study halls.

Several juniors have been appointed to offices as heads of committees under the student council.

Chairmen for assembly planning next year are Joan Page and Diane McCormack. Taking roll in assembly are Melinda Mauck and Janet Shields.

The head of the lost and found is Patricia Wilson. Mary Ann Brownson will be in charge of the soda fountain, while Susan Goldberg heads the poster committee.

Examination procedure will be directed by Joan Banto. The seventh-grade advisers will be Carole Glueck and Elizabeth Hoedinger. Heading the committee which

will welcome new girls in the fall is Mary Mac Lamb. Her committee is composed of Charlotte Cohen, Nancy Reynolds, Christine Wallace and Donna Vogt.

During the same assembly of the junior appointments two editors of Kingswood publications were announced.

Doris Smith is the new editor of the Clarion, Kingswood's newspaper, and Susan Burns is the editor of the Acorn, the school's literary magazine.

A few weeks ago Sarah Marwell was announced editor of the year book Woodwinds. These three girls will be in charge of all literary works next year.

National French awards have been given to three Kingswood students.

Marilyn Garabant was honored with a first place in second year French out of some six hundred students. Julie Graham received a second in first year French, while Patricia Kelly received the same on the fourth-year level.

The last joint chapel service of the year will take place outside in the Cranbrook Greek theater, Sunday morning.

The speaker will be Larry DeWitt, Cranbrook head prefect and student cabinet member. The cabinet has sponsored trips and services throughout the year. This evening there is a picnic for cabinet members at the home of Sally Wecker, Kingswood co-chairman.

Ann Bird has been elected to be in charge of the Senior cabinet which next year

FOR A LOOK AT A Student Looks to The Atomic Future

James C. Conden

Since civilization began, man has been occupied with the never-ending search for power. As his way of life improved, he became more and more dependent on energy harnessed in some way to multiply his work output, until today, civilization could not exist without some source of outside power.

The upsurge of twentieth century industrial growth was based on the fossil fuels, coal and oil, primarily.

BUT MANY nations are lacking in these, and even those with relatively large reserves are finding them dwindling rapidly.

To combat this ever decreasing supply of fossil fuels, atomic power has come into prominence. This source holds high promise for many years, even at a power demand 1000 times the present figure.

Also, according to published figures, the United States is now producing enough deuterium to supply the nation's total energy needs many times over, at a cost one percent that of coal or oil.

Deuterium's great promise as a fuel is somewhat offset by the great difficulty encountered in turning it into an uncontrolled mantle in the hydrogen bomb. It is quite a different story to do the same thing in a controlled operation. To make the deuterium nuclei fuse, they must be heated to tremendous temperatures—350,000,000 degrees. This intense heat is necessary to overcome the natural repulsion between their nuclei, which tend to repel each other.

TO ADD TO the problem the particles cannot be allowed to touch the walls of their container, which would have a dampening effect on their speed.

The problem, briefly stated, is to confine a very hot gas in a material chamber without letting it touch the chamber walls.

A promising solution is being many times over, at a cost one percent that of coal or oil.

Such reactors represent a great advance, but have many disadvantages. Although the world's supply of fissionable materials is equal to an energy reserve of between ten and one hundred times as great as that of the remaining coal, increasing power demands could exhaust this supply by the turn of the century.

Fission power presents an even more distressing problem—disposing of the atomic wastes which are produced in the United States every day. If all the power supplied by fission, we should have to dispose of an amount of atomic wastes equal to the products of the explosion of 200,000 atomic bombs yearly.

IT WOULD SOON become increasingly difficult to find safe places for wastes without contaminating a restricted large area. The fission reaction, then, clearly is not the ideal power source. Another type of atomic reaction, fusion, looks very promising, although its development is not as far advanced. If a power supply by fusion can be made practical, the problem of a fuel supply and radioactive wastes would be eliminated.

The basic fuel is easily extracted from ordinary water, and the reaction produces no appreciable radioactive byproducts.

Fusion reaction, itself, is nothing new; indeed, it has been providing the source of energy for all the stars in the universe including our sun, since the beginning of time.

AS A REACTION, it is just the opposite of fission. It relies on the energy released when light nuclei of atoms fuse, or weld, together to form larger nuclei.

But to do this, the nuclei must be moving at a great rate of speed, giving rise to many problems which tend to make the work of

FOR A LOOK AT Cranbrook Corridor

By BOB HUGHES

Signs of the end are appearing with a rapidity that is at once alarming and gratifying. Alarming because of the impending doom of final examinations, and gratifying because of the approach of the three-prayed-for beach party.

One of the traditional signs of spring at Cranbrook, in addition to the overpowering odor of tree lilac bushes, took place May 20, in the auditorium.

These students and friends of the institutions watched with immense enjoyment as the numerous acts vied vigorously with one another for the fabulous prizes at stake—prizes of Mrs. Smith's Old Fashioned peanut candy.

Entertainment of all kinds was presented, including an arrangement of the "Symphony for Piano Duet, a rough Rock and Roll translation of the late bassist, and a performance by the junior class of Cranbrook, the ever popular faculty skits, and a brilliant and witty job of "sing" by Steve Fairbanks and Harry Crowe.

While the judges deliberated in choosing a winner, the House Rockers, Cranbrook's noted group of rock and roll artists, held their prizes because of recently acquired professional status, pacified the frenzied crowd with a sample of the skill which won the grand prize for them last year.

The student body had been whipped into a state of violent enthusiasm over the preceding weeks by Cranbrook's high pressure salesman, Henry Weil.

The quality of the performance demonstrated the effort and dexterity of Boris Nicoloff, organization man, and John Hartman, faculty supervisor and censor.

Another spring-indicator flower reared its head as the Class of 1960 announced the selection of its senior gift.

Since the recent acquisition of two more sets of track relay trophies has made Cranbrook's present trophy case inadequate to house a collection of trophies which it is presently being urged to expand, the class voted to supply the capital for a new edition in which the trophies might be displayed in a clear crowded condition.

Gift committee chairman Charles Heaverlich reports that the case will probably be designed and built by the school art and maintenance staff. Any money remaining from the donation fund might be applied to books for the school library.

Also blossoming on the Cranbrook scene is the 1960 edition of Cranbrook's literary magazine, The Opus. Edited by John Hartman, the eighth edition contains essays, stories, poetry and art produced by the students, and selected by the editorial staff.

Faculty advisor for The Opus is Mr. Carl G. Wunberger, chairman of the English department.

Friday night, May 13, the Cranbrook chapter of The United World Federalists presented Mr. George Romney, President of the American Motors, who spoke on the Citizens for Organized Security which he organized last month to investigate the financial crisis.

The aim of the group was to seek a solution of the state's financial difficulties, to create a more favorable business climate for Michigan, to investigate possible changes in the services of the state government, and to offer the most interest in state matters, and to seek answers to other state problems.

Southfield High

Here's One Disease Science Can't Touch

Julie Nagler says "senioritis" has hit upperclassmen hard. Mr. Welkenbach, however, is curling the supercharge with busy work assignments in conjunction with a term paper.

Word is that senioritis goes a bit too deep even for such drastic measures.

One gal, obviously not affected, is Diane Karop who received a large scholarship to Vassar.

Another cure may have been the Future teachers club assignments recently which our Julie, for one, found a bit wild.

She taught the sixth-grade at McKinley school and discovered that even younger men know how to whistle. Says she, "I think I made them appreciate their regular teacher even more."

June graduates embarked on the annual senior trip Tuesday. The 228 students traveled by bus to Chicago, visited the Museum of Science and Industry, then boarded the S. S. American for a Great Lakes cruise.

They will stop at Mackinac Island and Sault Ste. Marie, Ont. before returning to Detroit.

Other senior activities include the senior prom, May 28, senior luncheon, June 8, Swing-out, June 9 and the dance and splash party, June 10. Baccalaureate will be June 12 and commencement, June 15.

Results of the National merit scholarship test will be given to juniors and their parents, May 31 at 7:00 p.m. in the school auditorium.

More than 300 local students were given the test in March, Southfield High guidance director Sanford Burr said.

The May 31 meeting will reveal and interpret test scores, discuss College board examinations and end with a question and answer period. Of the more than 500,000 students throughout the nation who took the test, the top one per cent will be considered for scholarships.

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Bloomfield Country Day

'Flower Girls' Raise Money, Geraniums

By CAROL BUDGETT

The mothers at Bloomfield Country day school are in the midst of their annual geranium sale. Last year was a complete sell-out, and by popular demand they are again offering these lovely plants on May 18 and 19 at the school. However, special orders can be filled after this time.

The money earned will be used for needed school equipment. The geraniums come in variety of colors: red, white, flat, apple blossom, and salmon.

With the end of school drawing near, the girls are getting ready for the commencement exercises in early June.

The glee club, under the direction of Miss Lyle Engstrom has

An Explanation At Dandelion Time



Sure, dandelions are pretty. Just as pretty as daisies, maybe. But Mom doesn't plant daisies in the lawn, does she? Wait till you see what BONUS* does. Besides getting rid of dandelions and similar weeds, it makes the grass greener—at the same time. Nothing looks as nice as a thick, green lawn, now does it?

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Holy Name They Finish First Lap On June 5

By JUDY GOODE

Very soon the "big day" will be here and the Holy Name eighth grade class of '60 will be graduates.

Sunday, June 5, the 102 students in the top grade will receive diplomas, they hope, and graduate to high school.

The graduation will take place at the 1 o'clock Mass at Holy Name church.

This is the biggest graduating class Holy Name has ever had. However, next year's class will be even larger.

A good majority of the soon-to-be-graduates are planning to attend one or the other of the new high schools in the area: Brother Rice and Marian. The boys going to Brother Rice will be the first class in the new school and the girls going to Marian will be the second in that school.

We hope that June 5 will prove to be an exciting and happy day for all.

On June 7 the graduating class will be invited back to an early sort of reunion.

The occasion will be a picnic for all those who wish to attend, at Edgewood amusement park. We think that we are right in saying that you probably couldn't stop the whole class from coming, if you tried.

Transportation will be furnished by the park; students will meet at the school at 9 a.m.

This outing should prove fun for all.

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