the spokesman

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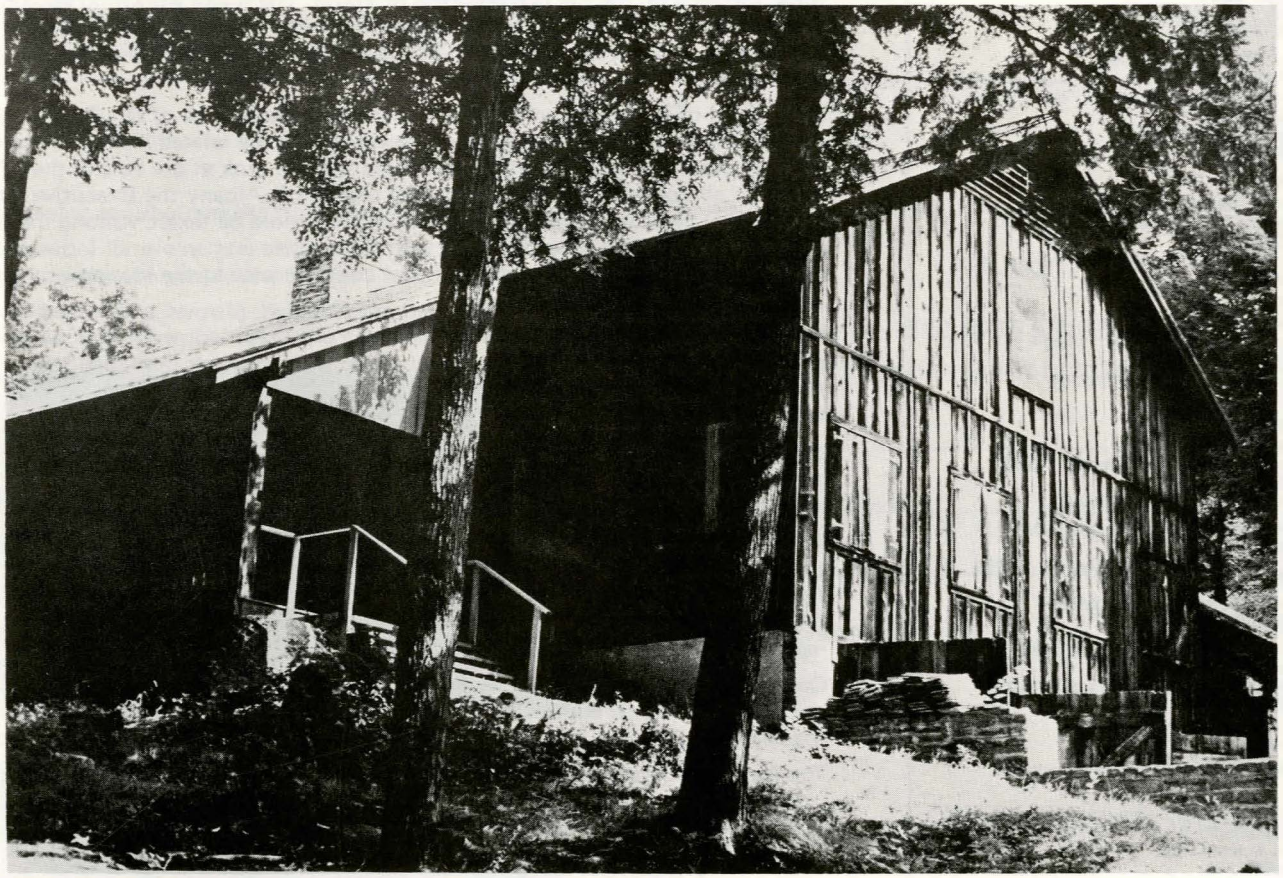
THE OFFICIAL PUBLICATION OF THE NEW YORK STATE INDUSTRIAL ARTS ASSOCIATION
Published by the New York State Industrial Arts Association, 3602 Scribner Dr. Endwell, New York 13760

June - July 1978

"I.A. GETAWAY"

1978 FALL LEADERSHIP CONFERENCE



Ithaca Speech Clinic Camp

September 22-23, 1978

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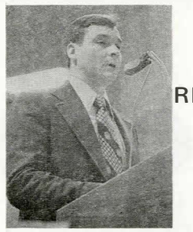


REMARKS OF THE OUTGOING PRESIDENT

by KOLAN K. BISBEE

The New York State Industrial Arts Association held its Fifteenth Annual Convention in the Catskills from April 5th to the 9th with the Granit Hotel and Country Club in Kerhonkson, New York serving as convention headquarters. This year's convention was very successful in attracting industrial arts teachers and their spouses from all over New York State. The overall reaction of attendees was quite positive, with many indicating their intention of attending next year's convention, which will again be held at the Granit.

The Representatives and Alternates to the Representative Assembly again executed their responsibilities very efficiently, receiving the reports of the Councils, Committees and Executive Board Members as well as making the motions so necessary for the Association to continue to meet the needs and interests of its members. It is through these motions that the Executive Board is directed to charge committees and the overall focus of the Association is set.

Following the Representative Assembly and the many other business meetings, the special interest sessions and exhibits were held. Presentations were made on such diverse topics as federal legislations, funding and statewide curriculum efforts, focusing on the life preparedness of youth. The many workshop sessions included such "how to's" as Small Engine Economy Vehicles, Manufacturing Fabrication Techniques, Lost Wax Casting and an Articulated Industrial Arts Program K-12.

A highlight of this year's convention was the keynote speech of Dr. Gordon M. Ambach, Commissioner of Education. In his speech, he related his own experiences in industrial arts as a youth and asked that we look at our role in the education of all youth today. During its May meeting in Albany the Executive Board discussed at great length possible directions that could be taken. Among the topics discussed were A Pupil Needs Assessment Committee and an overall Industrial Arts Program Assessment Instrument that could be used at the local level.

I wish to thank all of you who attended, participated, planned and helped along the way to make the Fifteenth Annual New York State Industrial Arts Association Convention the success that it was. I also wish to thank Commissioner Ambach and the Bureau of Industrial Arts Personnel for taking time out of their very busy schedules to attend our convention.

We are nearing a new fiscal year, at which time Robert Rein will assume the office of President, I know that each of you will extend to him the same understanding and support that you have so graciously given me during the past year.

The Executive Board has been directed by the Representative Assembly to print and distribute an Association Directory by January 30th, the Representative Assembly also set a deadline of October 30th for the receipt of information for the Directory – please help us gather the necessary information about your regionals and send it to Mr. Joseph H. Barnes.*

On a personal level, the Communications Directory needs your input, if you do not want your home address to appear simply send me your handle, call letters, the channel(s) or frequency you monitor and the geographic area (i.e. Oswego).

The New York State Industrial Arts Association will again operate a booth with

(continued on page 11)

PUBLICATION DATES FOR THE SPOKESMAN

Volumn XV, Fiscal Year 1978-79

No.	Copy Due Date	Printing Deadline	Distribution Date
1	8/ 1/78	8/ 7/78	8/15/78
2	10/ 1/78	10/ 7/78	10/15/78
3	11/ 1/78	11/15/78	12/ 1/78
4	1/10/79	1/20/79	2/10/79
5	5/ 1/79	5/ 7/79	5/15/79
6	6/ 1/79	6/20/79	6/25/79

"I.A. GETAWAY"
1978 FALL LEADERSHIP CONFERENCE

WHEN: **Friday, September 22, 1978 (Get there when you can – the food will be waiting)**
Saturday, September 23rd through 2 p.m.

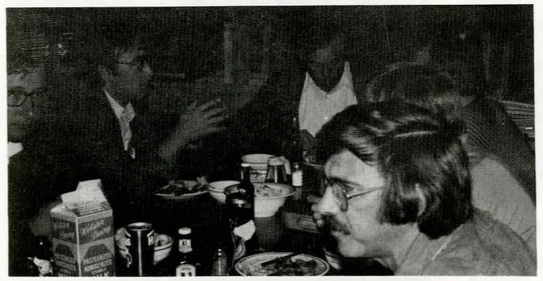
WHERE: **Ithaca Speech Clinic Camp**

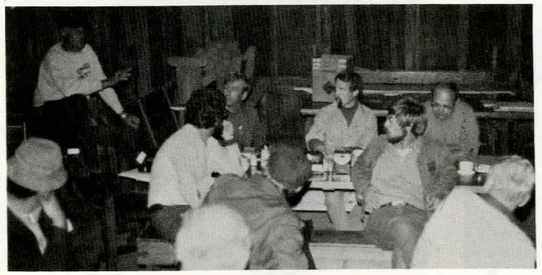
COST: **$16.00 per person**
Includes: three all "U" can eat meals and lodging, Hot Showers, etc.

ACTIVITIES:
Bring & Brag
Alternate Energy Activities for the Classroon
Getting Your Local Going
State Fair Report
Public Information Activities
At Issue – Industrial Arts, General Education or Occupational Education?
many other items and leisure activities

The following are photographs from past Fall Conferences

– Can you place the people and year?





(cont'd page 4)

I.A. GETAWAY

– REGISTRATION FORM –

FRIDAY & SATURDAY, SEPTEMBER 22, 23, 1978

NAME_____

HOME ADDRESS_____

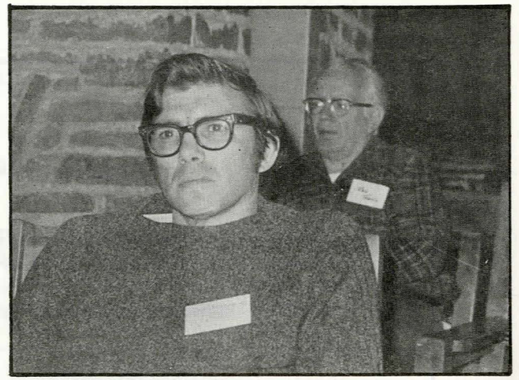
_____ ZIP_____

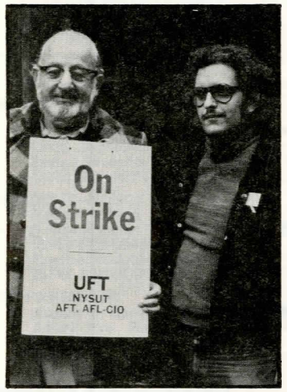
HOME PHONE (____)_____ DATE_____

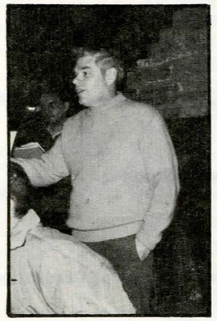
MAKE YOUR $16.00 CHECK PAYABLE TO:
N.Y.S.I.A.A.

MAIL WITH CHECK BY AUGUST 10, 1978 TO:

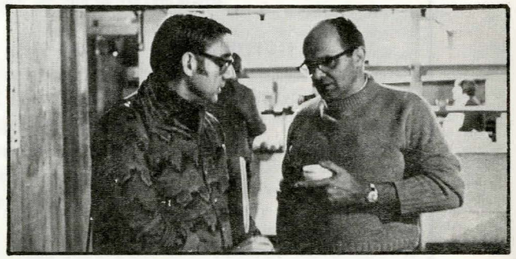
JOSEPH BARNES
2 PARK AVENUE
RED HOOK, NY 12571

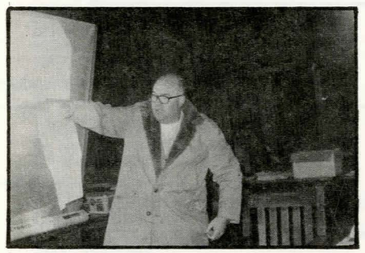


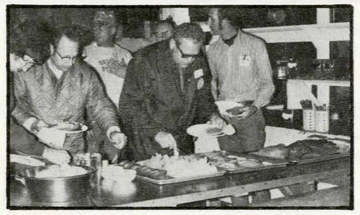


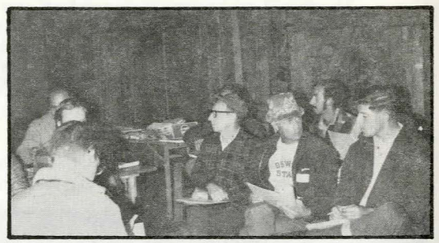


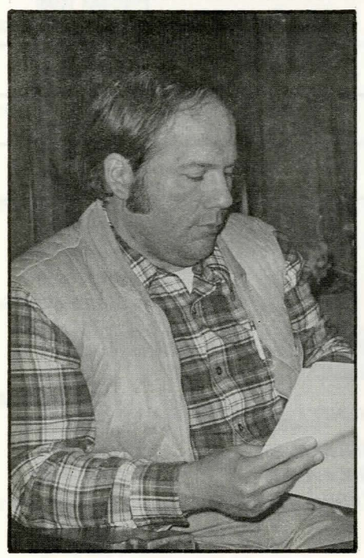
PAST FALL CONFRENCES

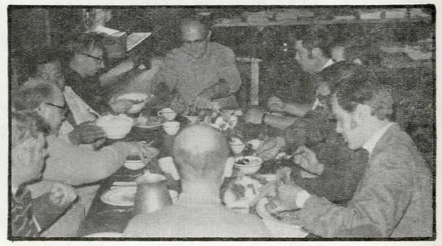


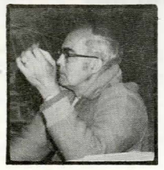


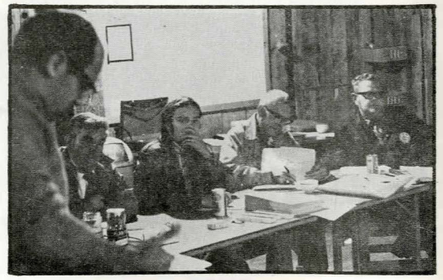












Regional News

Each regional association is encouraged to submit reports for this page. Send your report to: Douglas H. Beard, Editor
3602 Scribner Drive
Endwell, New York 13760

REGIONAL NO. 11 – BOB AHO

The 1978 Industrial Arts Fair, sponsored by the Cohoction Valley Industrial Arts Association, Region 11, NYSIAA, was held May 4, 5, & 6, 1978.

This is the second such effort by CVIAA. The fair was again held at Bath Central School, Bath, New York. Last year 14 area schools exhibited over 400 projects in the eight competitive areas.

The schedule of events for the fair was as follows:

Thursday, May 4	a.m. set up of exhibit site. p.m. receiving of exhibits
Friday, May 5	9:00 to 10:00 exhibits open to schools & public 2:00 judging 8:00 awards program
Saturday, May 6	9:00 taking down the exhibit

The exhibit was made up of two areas: Jr. & Middle High non-competitive exhibits and Sr. High competitive exhibits. The senior high areas have 40 classes in eight different areas and 120 ribbons were awarded to the first, second and third places in the various classes. A floating plaque was awarded to the school whose jr. high exhibit is judged best by the members of the association.

The judges for the exhibit were various men who teach or work in the area. Since it would be unfair for any school official from any of the schools in the region to participate as judges, an effort is made to locate men from outside the area.

REGIONAL NO. 18 – FRANK BERGER

The Genesee-Orleans Industrial Arts Teachers Association toured the Bok Plastics Company in LeRoy, NY on Monday, March 20, 1978. Mr. John Quincey and Mr. Bill Alexander were the tour guides. Bok manufactures a variety of vinyl note books, ring binders, multi-fold binders, etc. in 10 different grains and 17 different colors. There are 7 sizes of ring binders and each job is custom made. This company has on hand a quarter million dollar inventory and they cut between 4 and 6 tons of paper chip board a day. 2,000 vinyl board covers are sealed each day on each of the 3 heat sealing machines. This company ships orders all over the United States and the world and have been in operation for 20 years. Each of us received a complimentary notebook from Bok Plastics. Then off to LeRoy High School for a business meeting chaired by president Gerry Solazzo of Medina Junior High.

The Genesee - Orleans Industrial Arts Teachers Association had their annual Couples Dinner on Thursday, April 20, 1978 at the Buccaneer Restaurant in Batavia, NY.

President, Gerald Solazzo of Medina Junior High welcomed everyone and gave special recognition to retired teachers Sal Puleo of Batavia and John Titus of Holley. Life Members of the New York State Industrial Arts Association, Al Trader of Alexander Central, Frank Berger of Medina High and John Titus of Holley were presented with Life member placques.

Charles Canterbury and Charles Ruffino of New York State School for the Blind in Batavia were complimented on their article in the April issue of **School Shop** magazine on the "Visually Handicapped In the I.A. Environment".

Reports were made about the 15th conference of NYSIAA at the Granit Hotel in Kerhonskon, NY on April 6-9, 1978. The next event will be the steak and clam roast at Vernal Corners on Friday July 21, 1978. Schools represented were: Wyoming Central Medina Junior High, NYS Blind School in Batavia, Alexander Central, Medina High, Royalton-Hartland Central, Byron-Bergen Central, Batavia Senior High, and Genesee-Wyoming BOCES.

REGIONAL NO. 39 – ROBERT N. JONES

On March 15th, 1978 the I.A. Dept. at Lake Shore Middle School in Angola played host for the Project Idea Exchange. Angola is a long way out from Buffalo, but 50 members made the effort to attend and were well rewarded. There was a great selection of projects on display, ranging from those of a junior high level of difficulty all the way through some that would take a skilled craftsman.

Mr. William Houston, Superintendant of Lakeshore Schools gave a bit of the thinking that went into the planning of this modern 'open concept' middle school. Mr. Houston was an IA graduate of Buffalo State some time ago, but mentioned that IA held fond memories for him.

Mr. Robert Catalino, IA Dept. Chairman took the group on tour of the building and served as a moderator for a question and answer period.

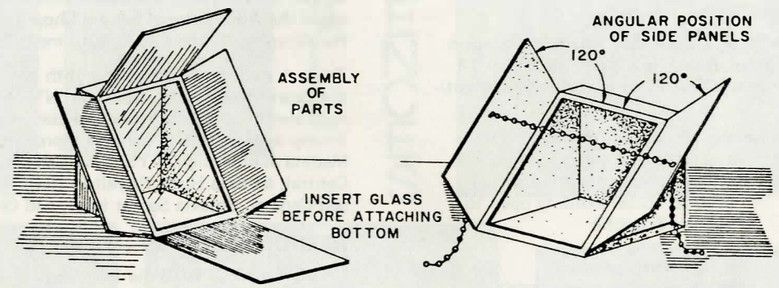
While the group munched on refreshments a drawing was held for 5 electric hand-drills which were provided by the WNYIAA as door prizes. Each project idea that was brought for display entitled the exhibitor to a drawing ticket–up to a limit of five. Mr. Robert Fuerst who acted as chairman for the drawing set

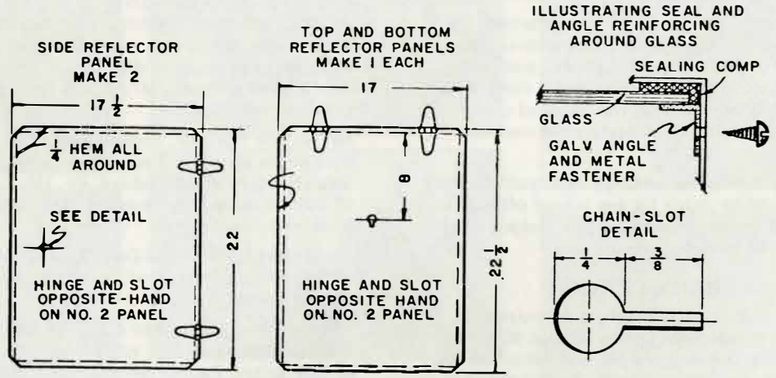
(cont'd on page 8)

SOLAR OVEN

The sun is a vast reservoir of "free" energy which comes to us as sunlight. A solar oven makes use of this energy and, through scientific principles of heat retention, raises the temperature to a point where food can be baked.

Working Drawing





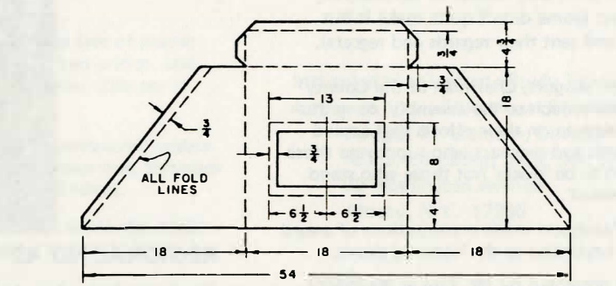
Alternate Design

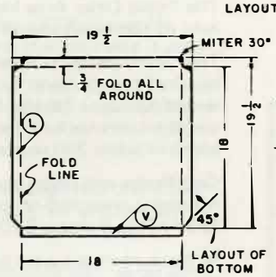
Instead of using one piece of metal to form back and sides, they may be made separately.

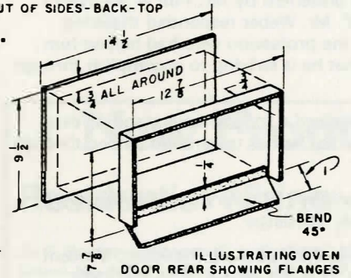
Sheet metal screws may be used instead of machine screws.

Aluminum may be substituted for the galvanized sheet steel and tin plate.

Detail Drawing







Bill of Materials

1 Piece galvanized sheet steel, No. 26 gage x 19½ inches square, base
1 Piece galvanized sheet steel, No. 26 gage x 22¾ inches wide x 54 inches long, back, top, and sides fabrication
1 Piece galvanized sheet steel, No. 26 gage x 13 inches square, false bottom
1 Piece galvanized sheet steel, No. 26 gage x 9½ inches wide x 14½ inches long, door
1 Piece galvanized sheet steel, No. 26 gage x ¾ inches wide x 28¾ inches long, top and sides, door insert strip
1 Piece galvanized sheet steel, No. 26 gage x 1¼ inches wide x 12¾ inches long, bottom, door insert strip
2 Pieces galvanized sheet steel, No. 26 gage x 1¾ inches wide x 18 inches long, glass support
2 Pieces tin plate, No. 25 gage x 17 inches wide x 22½ inches long, top and bottom reflector panels
2 Pieces tin plate, No. 25 gage x 17½ inches wide x 22 inches long, side reflector panels
1 Piece Fiberglas insulation, 1 inch thick x 24 inches wide x 96 inches long
1 Piece glass, double thickness, 17¾ inches wide x 22¼ inches long
2 Pieces band iron, ⅛ inch thick x ¾ inch wide x 2 inches long, door clamps
4 Pair strap hinges, 1 inch x 4 inch
3 Sash pulls
1 Piece steel safety chain, No. 1/0 x 9 feet long
5 Nails, No. 6 penny
2 Sash handles
40 Machine screws, No. 6 x 32 x ½ inch long, round-head, with nuts
1 Machine screws, No. 4 x 48 x ½ inch long, round-head, with nut
16 Tinner's rivets
Duco cement
Flat black paint
Solder
Sealing compound
Heavy white thread

("Regional News" cont'd from page 5)
the limit of one prize per person; and then had his name drawn four times in a row—really. He was allowed his one prize!

Teachers, their honored students, and supporting parents braved an unusual "cloud-burst" to make their way to the 10th Annual Student Awards and Man of the Year Dinner on May 17th. The clouds had opened up right over the Buffalo Trap and Field Club and over an inch and a quarter of rain dumped in a bit over an hour – causing floods, traffic jams of great proportions, and delays. Yet over 200 were present when the meal was started.

Dr. Brueckman, who served as an able Master of Ceremonies, introduced the Special Guest (some didn't quite make it but their names were up there and sent their regards and regrets).

After a fine meal, Mr. Albert Abgott, Chairman of the County Legislature gave a thoughtful speech to the assembly, congratulating the young men and women on their efforts that earned them recognition; the parents and teachers who supported those efforts. He challenged them to be 'doers' not those who stand by and wonder 'what happened'.

Anthony Fini and Vince Yacobucci made presentations of award Certificates and momento keychains to the honored guests.

Mr. Gregory G. Weber was presented by Mr. Fini as the WNYI AA 'Man of the Year 1978'. Mr. Weber responded thanking those in his family; and in the profession who had helped him and stood in support of what he is striving to accomplish through involvment.

Dr. Emerson Neuthardt, received a spontaneous standing ovation from all those present that he has taught and helped through the years.

Robert N. Jones was the recipient of a very nice service award for work with the WNYIAA newsletter.

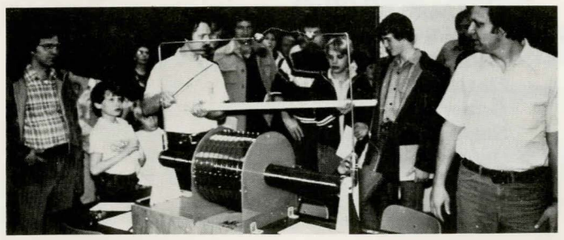
New officers for 1978-79 were introduced, President, Vincent Yacobucci; President Elect, Howard Walter; Vice President, Joseph Marszalak; Secretary, Brent Ellis, and Treasurer, Henry Snyder. A thanks for a great job to Ray Walter, Chairman.

REGIONAL NO. 40 – VINCENT MORDENO

On March 31st, the Suffolk Industrial Arts Association held its Sixth Annual Project Night at Smithtown West Senior High School. This year's co-chairpersons were Ken Langliois of Shoreham-Wading River High School and Elliot Perry of Comsewogue Senior High School. They did a fantastic job of coordinating this affair.

The project competition was divided into thirteen categories. Each category had first and second place winners. The chairpeople obtained prizes from vendors for each winner. Also, each first place winner was awarded a $25.00 savings bond from the ıe Knights of Pythias at their dinner in May.

Over a hundred projects were entered in this year's competition making it the best project night yet. Mothers, fathers, wives and students attended and were served coffee, soda and donuts throughout the evening.



REGIONAL NO. 42 – JOSEPH BOTTA

The Capitol District I.A. Association held its 10th Annual display of student work May 17 through May 20th, 1978 at Colonie Center Mall, Albany, NY. Eighteen schools participated in an extensive display of student work involving metals, drafting, photography, graphic arts, woods, power, ceramics, and electricity.

On Saturday, May 20th, the entire executive board of N.Y.S. I.A.A. took time from their meeting (also held in Albany) to view this impressive exhibit.

REGIONAL NO. 43 – TED ECONOMIDES

The Triple Cities Area Industrial Arts Association recently held its thirteenth annual student project exhibit.

This years exhibit featured 378 entries from 21 schools. One hundred twenty-seven first and second place awards were presented. On June 7th the T.C.A.I.A.A. hosted the student winners and their parents at the annual banquet that was attended by approximately 250 persons.

Certificates and prizes donated by local merchants and industries were presented to the award winners. Mr. Arthur Dudley, Chief of the Bureau, SED was the featured speaker.

In April, elections were held and the T.C.A.I.A.A. officers for the 1978-79 school year are: President, Ted Economides; Vice President, Ray Caveney; Secretary, Chuck Goodwin; and Treasurer, Jim Holmes.

Get on this mailing list:
The National Air and Space Museum is publishing a new monthly called : "Air and Space", It will be sent to educators at no cost. It is geared to classroom education and activities dealing with aerospace and will keep you posted on the latest in aviation and space news. Also will provide illustrations and other materials useful in the classroom. Write on school letterhead to:

National Air and Space Museum
Room 5329
Washington, D.C. 20560

Free:
A newly published booklet called "First Flight", by the Dayton, Ohio; Chamber of Commerce to celebrate the 75th Anniversary of the birthplace of aviation. Planned are a year long series of events, with the biggest being the Air Fair which will take place between July 21 and 23rd. Write:

Dayton Area Chamber of Commerce
111 West First Street
Dayton, Ohio 45402

THE FOLLOWING IS FROM THE MARCH 2, 1978 BUFFALO EVENING NEWS – ED.

DEPEW STUDENTS HAVE A BETTER IDEA: Tap an Old Discovery to Save Gas

by David Shribman

Ford Motor Co. has spent $7 million trying to do it. A group of Depew Senior High School seniors can do it with a few dollars worth of equipment.

It takes them only two small brass tubes, three feet of plastic hose, a plastic cider jug, and a tiny item called an orifice, and the students in Vincent Yacobucci's automotives class say it can cut gasoline consumption by a fifth.

That's not all. They say it lowers pollution emmissions, washes carbon deposits from the engine and, in the meantime, increases the life of sparkplugs, mufflers, tail pipes, and valves.

The new additive is no fancy chemical. It's common tap water. And the mechanism is nothing more than a system to inject it into the combustion mixture.

"The principle has been around since the 1930's," said Mr. Yacobussi, "but nobody came along and tried to make it practical."

The system he and his students have developed – and which has already been installed in a Depew school bus – is simple to implement.

The water enters the gasoline mixture through two tiny holes in the carburetor. When the throttle opens, the gasoline and the water enter the carburetor at nearly the same time.

Once the system is implemented, the water breaks up the gasoline and produces slower burning.

"It gets a better expansion rather than a fast explosion," explained Richard Thuman, a researcher associated with Alan Dore, who pioneered this system. "That way you burn more fuel and waste less."

Although Mr. Yacobucci and his students contend the water injection mechanism can reduce gasoline consumption by about 18 percent, they know the public and auto mechanics will not be quick to adopt it.

"People are leary when it comes to a carburetor," Mr. Yacobucci said. "They're very sophisticated, very touchy, and people hate to touch them.

He warned that the inside of a carburetor is no place for an inexperienced hand.

But he is convinced the water injection system will eventually be adopted by motorists as a feature as common as automatic transmissions.

"There's no question this is going to catch on eventually," he said. "It's got lots of advantages and the performance of the automobile picks up when this is installed."

He and his students hope to continue their experimentation by considering water injection for diesel engines and tinkering with steam applications.

A great annual report from NASA – Called **"Spinoff 1978".** Over 100, 8½ x 11 glossy pages with all full color photos of many of NASA's varied research projects. If you teach technology you can't be without it.

Write on letterhead to:
Director
Technology Utilization Office
P.O. Box 8757
Baltimore/Washington International Airport
Maryland 21240

Interested in a Graduate Study Grant-Fellowship? Get information on future Vocational Education Act grants:
Douglas T. Adamson, Director
N.Y.S. Education Dept. Div. of Occupational Ed.
99 Washington Avenue
Albany, N.Y. 12230

Idea Corner

Dr. Vincent C. D'Ambrosio
SUC Oswego

INDUSTRIAL ARTS AND ENVIRONMENTAL EDUCATION

Are you incorporating environmental education into your industrial arts program?

Did you know that there is a relationship between Industrial Arts and Environmental Education?

Do you need help in locating ideas for teaching or incorporating environmental education activities in your program?

A. Environmental Education Curriculum Infusion Units

Have you seen this publication from the New York State Education Department?

Why is it if value to you the industrial arts teacher?

One section of the publication (pages 57-72) pertains to industrial arts and is divided into six topics:

1. Recycling Scrap Metal
2. The Ceramics Industry: Natural Resources, Recycling and Pollution
3. Waste Management: An Industrial Concern
4. The Efficient Use and Recycling of Materials in the Industrial Arts Laboratory
5. An Exercise in Recyling and Land Use
6. Better Utilization of Forests and Wood Products

This publication was mailed out to schools in New York State during the early part of 1977. Ask your department chairman or your building principal if they have a copy.

If your school does not have a copy contact:

Barry W. Jamason
Room 314G
State Education Department
Albany, NY 12234

Note: During SUNY at Oswego's Department of Industrial Art's 1977 Fall Conference students in my "Methods of Teaching Industrial Arts" class prepared an exhibit pertaining to the implementation of the Environmental Education Curriculum Infusion Units. Some of the handouts used in the exhibit are still available. They may be obtained, as long as the supply lasts, by writing to me at the following address:

Dr. Vincent C. D'Ambrosio, Associate Professor
Department of Industrial Arts & Technology
State University of New York College
Oswego, NY 13126

B. Resource Recovery Education Kit

This multi-disciplinary packet of eight components was developed by National Center for Resource Recovery, Inc. NCRR) for use in junior and senior high school. Materials describe how municipal solid waste is managed-from collection through disposal and introduces resource recovery processes and systems. Projects and experiments are outlined for three classroom disciplines: science, social studies and industrial arts. Kit components include a teacher's overview, three different teacher's guides, a 35"x45" wall chart illustrating resource recovery, and three student manuals. The kit has been favorably reviewed by education and industrial communities and has been utilized by the National Center in teacher Workshops in New Orleans and Indiana. (NCRR, Resource Recovery Brief, November 1977, P.3)

Order Resource Recovery Education Kit from:
National Association of Secondary School Principals
1904 Association Drive
Reston, VA 22091
Price: $12.00

(continued on page 11)

Al Watnik, Joe Barnes, Bob Rein & George Morse at the May Executive Board Meeting.

(REMARKS. . . cont'd from page 2)

associated exhibits at the STATE FAIR in Syracuse, New York. Since the duration of the fair has been extended so has the time our display operates — If you can assist by manning the booth yourself and/or bringing some students along please contact Philip Morgan. **

The Fall Leadership Conference is again planned for next fall and should be the best yet. The way in which the program is shaping up is exciting and from a hedonistic point of view — there's a new bath house with hot water and showers.

I have found this past year to have been very rewarding for me, it has broadened my perspective of the industrial arts profession and I hope that I can continue to serve the Association.

Thank You.

Addresses:

*Mr. Joseph H. Barnes
2 Park Avenue
Red Hook, NY 12571

** Mr. Philip Morgan
4804 Black Oak Drive
Liverpool, NY 13088

("Idea Corner" cont'd from pg 10)

C. National Center for Resource Recovery, Inc.

The National Center for Resource Recovery, Inc., was formed nearly seven years ago to coordinate the efforts of industry and labor with those of the Federal Government and the public in solving America's solid waste problem through a total systems approach. During this period the NCRR has accumulated extensive information and experience from research and analysis of resource recovery technology, systems, economics, planning and implementation programs."

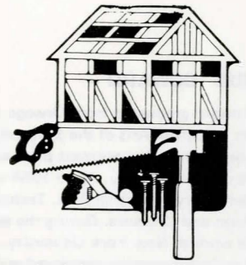
Write: National Center for Resource Recovery, Inc.
1211 Connecticut Avenue, N.W.
Washington, D.C. 20036

Request: NCRR Information Services Catalog
Information Materials from the NCRR (Resource Recovery Briefs, November 1977)
To be placed on their mailing list

REGIONAL TEACHERS OF THE YEAR RECOGNIZED

The following persons were recognized as Regional Teachers of the Year from their association at the 1978 NYSIAA Convention in April.

REGIONAL	PERSON
No. 2	Alfred A. Jenkins
No. 9	Philip W. Gaines
No.18	Albert L. Buell
No.19	David M. Kissh
No.22	C. Raymond Travis
No.25	Joseph H. Barnes
No.27	Joseph F. Ruffino
No.31	Robert K. McKeegan
No.33	Richard H. Bower
No.38	George Legg
No.39	Henry S. Snyder
No.40	Frank A. Madigan
No.42	Herbert G. Luhr
No.43	Douglas H. Beard



Never plan to have a bad day; you will.
You're never wrong when you say it's a lousy day; it is.

N.Y.S.I.A.A. MEMBERSHIP SERVICE

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When writing us about your membership, please clip this form and mail to:
Irvan A Boucher, P. O. Box 2115,
Newburgh, N.Y. 12550

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____ Payment enclosed ____ Bill me later

Name _____ (Please print)

Address _____

City _____ State _____ Zip Code

— BLAKE, COWARD, and HASTING RETIRE —

AUSTIN BLAKE —

Like many others of his era, Austin Blake had his college education interrupted by World War II when he served as a combat navigator in the South Pacific. He graduated from Oswego in 1948 and, from 1948-50, taught Industrial Arts at Oriskany Central School. The next ten years of his career were spent at Corning Free Academy and, during this time, he also completed his MS degree at Oswego.

The record does not show when Austin was first bitten by the "ceramics bug" but is is clear that he never developed an immunity from it. He was hired as an assistant professor in the Department of Industrial Arts and Technology in 1960 in the area of ceramics and continued in his quest for knowledge throughout his career. Formal studies were pursued at the New York State College of Ceramics at Alfred and at Syracuse University. Practical application of this study were pursued at all hours of the day and night in his lab at the college and he became known far and wide for the development of techniques for teaching industrial ceramics processes in Industrial Arts facilities. During his sabbatical leave in 1975-76, Austin visited 14 colleges, eight museumn and 15 industries in the neverending search for more information concerning his specialty.

It is hard to say whether he will be missed more by those of us who sought his technical advice on a wide range of subjects or by the students who were accustomed to open lab every day of the week until 6:00 or 7:00 pm. He was an uncommon man whose services will be sorely missed.

CHARLES "BUD" COWARD —

Charles "Bud" Coward graduated from Oswego in 1949, Magna Cum Laude and taught Industrial Arts at the Eastport High School until 1954 when he was appointed as assistant professor in the Department of Industrial Arts and Technology. From 1954 to 1958 he had responsibilities with Elementary Industrial Arts, Technical Drawing, Student Teacher Supervision and Ceramics. During the early part of his career, Bud did graduate work at New York University, completed an MS at Oswego in 1953 and subsequently continued graduate studies at Syracuse and Cornell.

In 1958 he moved from the department into administration and, during the next 18 years, served in many capacities among them being Associate Dean of Students, Assistant to the President, Director of Campus Development and Coordinator of Veterans' Affairs. Bud will always be best remembered for his 10 year stint in charge of Campus Development from 1963-1973 when the college grew rapidly to its present size and he left his mark on the campus in brick and reinforced concrete.

DR. JAMES R. HASTINGS —

Dr. James R. Hastings, Professor of Industrial Arts and Technology at the State University of New York, College at Oswego, retired on January 31, 1978. Dr. Hastings joined the Oswego faculty in January 1946 after serving four years as an aircraft engineering officer and an education and training officer in the U.S. Air Force. He previously taught junior and senior high school industrial arts at the Cobleskill Central School. Dr. Hastings was in the service of education for 37 years.

Dr. Hastings earned the Bachelor of Science degree in industrial arts at Oswego in 1941. He earned the Master of Arts degree in 1948 and the Doctor of Education degree in 1953 at New York University. His doctoral dissertation was entitled, "A Study of the In-Service Education Needs of the Industrial Arts Teachers of New York State and Suggested Ways of Meeting These Needs." It was reported as a scholarly presentation before the National Association of Industrial Teacher Training at Atlantic City in 1955.

Dr. Hastings completed 32 years of service to education at the College at Oswego. From his initial appointment at the academic rank of instructor he was repeatedly promoted until he achieved his present rank of professor in 1957. He taught undergraduate and graduate-level courses in wood, metals, ceramics, transportation and drawing as well as education courses dealing with methods, philosophy, evaluation, curriculum design, history of industrial arts and research design. His primary assignment, however, was the supervision of industrial arts student teachers in public schools throughout most of New York State. He was responsible for the administration of that program for fifteen years. The program is the largest and best organized of its kind in the country and involves the annual placement of more than 200 student teachers in over 300 public schools. Usually more than a dozen faculty are involved as supervisors. In addition to public schools, student teachers have been given such other options as directed field study in industry, pilot program development, manual arts therapy at veterans' hospitals, and teaching at sheltered workshops, rehabilitation agencies, mental hospitals and prisons.

Some of Dr. Hastings' most notable work was the design and implementation of several funded research, inservice and preservice education projects. The value of such grants amounted to a total of some $490,000. Graduate-level summer institutes and related activities for teachers of the blind were funded for seven years, 1960-1966. Their purposes were professional upgrading, curriculum design, development of instructional devices and procedures, action research and follow-up on-site evaluation of the participants. Dr. Hastings designed and conducted a two-year Directed Field Study in Industry for the Preparation of Industrial Arts Teachers funded by the U.S. Office of Education. He also prepared proposals which resulted in four funded National Defense Education Act summer institutes. The 1967 and 1968 institutes dealt with a Study of American Industry. The 1969 institute was conducted in Frankfurt, Germany, for industrial arts teachers in the American Dependents' Schools of Europe.

NEW YORK STATE INDUSTRIAL ARTS ASSOCIATION
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