

The WFF 'N PROOF

SUMMER, 1969

Newsletter

FOURTH NATIONAL ACADEMIC GAMES OLYMPICS THE 1969 STORY

Brain-to-brain combat of championship calibre quietly exploded among the more than 200 students and 25 Academic Games Teachers, who took part in the fourth annual National Academic Games Olympics held at the Nova Schools of Fort Lauderdale, Florida.

Thirty schools, representing states in the Eastern half of the nation, vied for team and individual laurels in mathematics and social studies games, which have been designed by university professors and other subject matter specialists, as a means of stimulating interest in these areas of learning.

Each of the games at the 1969 Olympics teaches a different fundamental intellectual skill. WFF 'N PROOF deals with propositional logic; EQUATIONS, with arithmetic skills; and ON-SETS, with set theory. PROPAGANDA instructs in the recognition of emotional arguments meant to influence opinion and action; and AMERICARDS U.S.A. and EURO-CARDS deal with United States and European geography and history. These games are appropriate for interscholastic tournaments because each can be used over a wide age range--from elementary school through college. It's whom you play *with* that determines the complexity of the problems generated in these games.

Games Provide Motivation and Learning

FUN IN LEARNING is the dominant theme of the interscholastic competitions which culminate in the National Olympics. The tournaments are designed to encourage students' learning by improving motivation and giving recognition for academic prowess in much the same way as a high school athlete is rewarded for his physical skills.

Well Wishes From the White House

President Richard Nixon, extended his congratulations to the Olympians (see below) through his Acting Commissioner of Education. To merely *be* at the Olympics, the President suggested, meant that these students were already intellectual champions in their own areas.

A TELEGRAM FROM THE WHITE HOUSE

ON BEHALF OF PRESIDENT NIXON, I AM DELIGHTED TO EXTEND WARM GREETINGS TO CONTESTANTS IN THE FOURTH ANNUAL NATIONAL ACADEMIC OLYMPICS.

YOU ARE TO BE CONGRATULATED ON BEING SELECTED FOR THESE INTELLECTUAL GAMES. FOR THE WINNERS THERE WILL BE GREAT HONOR, A REWARD TO LAST A LIFETIME. BUT FOR ALL OF YOU, WHATEVER YOUR FINAL POSITION, THERE WILL BE THE SATISFACTION OF KNOWING THAT YOU WERE PROFOUNDLY CHALLENGED AND MET THAT CHALLENGE WITH DISTINCTION.

THE OLYMPIC GAMES ARE DEDICATED TO ATHLETIC ACHIEVEMENT. YOUR EFFORTS HERE WILL HELP TO SHAPE ANOTHER KIND OF EXCELLENCE, THE MENTAL SUCCESS SO ESSENTIAL TO YOUR PERSONAL DEVELOPMENT AND TO THE CONTINUED GROWTH OF AMERICA.

I WISH EACH OF YOU THE BEST OF LUCK.

PETER P. MUIRHEAD
ACTING U.S. COMMISSIONER OF EDUCATION



The Junior High EQUATIONS champions, New Orleans, LA, seated from left to right: Paul Puchot (St. Aloysius), Susan McClain (Dominican) and Darryl Barthe (St. Augustine). Standing left to right: Brother Neal, S.C. (Coach St. Aloysius), Keith Contreary (St. Aloysius), Gregg DeMar (St. Aloysius) and Mr. Carl Blouin, Ass't Coach (St. Augustine).

Aug.

ACADEMIC GAMES ATTRACT DEDICATED TEACHERS

Last year's smashing victory by Armstrong County (PA), students was in large measure a story of the organization and work of Dr. James Porter, Assistant Superintendent, and his dedicated group of teachers. This year's success story (another example where the voluntary efforts of a hard-working and interested educator looms large in the background) is about Brother Neal, S.C., organizer and director of the New Orleans League. A former devotee of baseball leagues and their use in motivating and giving a sense of pride in accomplishment to his students, Brother Neal switched to EQUATIONS in 1966. It was in December of that year when the first New Orleans local tournament was held at the urging of two students who had attended the Spring, 1966 Olympics as students-at-large. St. Aloysius, where Brother Neal teaches, won the New Orleans Junior High School division that December, and he was quick to grasp the potential of the combining of the excitement of games with the learning of mathematics. Out went the baseball cards; in came the EQUATIONS manuals, and in 1967 the New Orleans EQUATIONS League was born. The League play was patterned in a one-match-per-week format rather than organized into tournament competition.

Defeated But Undaunted

All-star teams of the highest-scoring players in local league play represented the city of New Orleans in the National Olympics in both 1967 and in 1968. But both times they went home in defeat.

These set-backs did not dampen the New Orleans enthusiasm, however;

THE THINK TANK



By
Layman E. Allen
Joan Ross

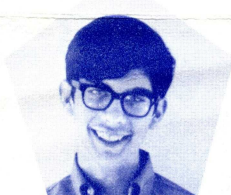
(for those who like brain-to-brain combat)

Pictured here are the individual champions of the Fourth National Academic Games Olympics for the games of WFF 'N PROOF, EQUATIONS, ON-SETS, PROPAGANDA, EURO-CARD and AMERICARD U.S.A. They are the top scorers at the elementary, junior and senior high school levels.

HIGHEST SCORERS IN EQUATIONS



Ricky Nitzberg
Nova Elementary
Ft. Lauderdale, FLA



Paul Puchot
St. Aloysius J.H.S.
New Orleans, LA



Barbara Friend
Bethel Park H.S.
Allegheny Co., PA

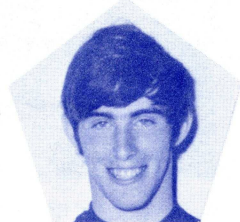
NUMBER ONE IN PROPAGANDA



Donna Markowski
Allegheny Valley Elementary
Allegheny Co., PA



David Leder
Mellon J.H.S.
Allegheny Co., PA



Jim McCafferty
Hampton H.S.
Allegheny County, PA

ON-SETS CHAMPIONS



Bill Gadd
South Park Elementary
Allegheny Co., PA



Jay Lechnick
Bethel Park J.H.S.
Allegheny Co., PA



Carl Mason
Mt. Lebanon H.S.
Allegheny Co., PA

TOPS IN AMERICARD — EURO-CARD



Ronnie Morrone
Allegheny Valley Elementary
Allegheny Co., PA



William Hargast
Springdale J.H.S.
Allegheny Co., PA



R. Anthony Rall
Fox Chapel H.S.
Allegheny Co., PA

WFF 'N PROOF CHAMPS



Joe Leftwich
Allegheny Valley Elementary
Allegheny Co., PA



Dean Yee
Kittanning J.H.S.
Armstrong Co., PA



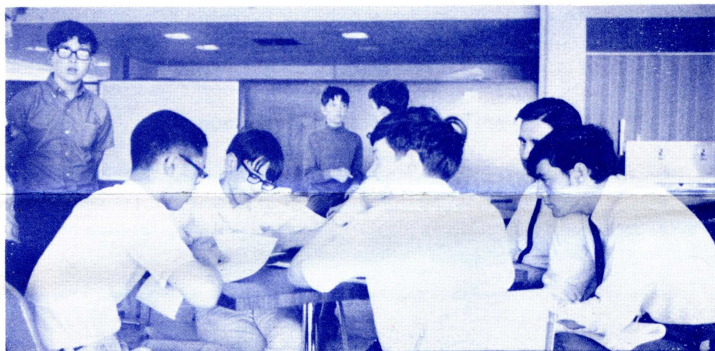
Tom Volek
Kittanning S.H.S.
Armstrong Co., PA

WFF 'N PROOF Championship Game

The following game of WFF 'N PROOF was one of those that occurred in the Junior High School final individual championship play-offs between Dean Yee (Armstrong Co., PA), Mark Plant (Ann Arbor, MI), and Robert Rupert (Armstrong Co., PA). Can you follow their strategies of play with each move?

Resources	Play	Player	Permitted Premises Rules	Essential
A	p	1	Rupert	
A	p	2	Yee	
A	q	3	Plant	E
C	q	4	R	E
C	q	5	Y	
C	q	6	P	rr
E	r	7	R	RR
E	r	8	Y	
N	r	9	P	i
N	r	10	R	R
N	r	11	Y	oo
R	r	12	P	RR
R	s	13	R	o
R	i	14	Y	p
R	o	15	P	
R	o	16	R	C
R	o	17	Y	r
R	o	18	P	r
		19	R	N
		20	Y	
		21	P	
		22	R	q

(The play ended in a force-out with only an 'r' left in the Resources. Can you construct a Solution in this situation and a proof to justify it? See below.)



Matching wits in WFF 'N PROOF at the individual championship play-off are (left to right) Dean Yee (Armstrong Co., PA), Mark Plant (Ann Arbor, MI) and Bob Rupert (Armstrong Co., PA). Observing and recording the game described on this page are Layman Allen, author of WFF 'N PROOF and Tom Tosh, a graduate of Nova High School and member of one of last year's championship teams.

Suggested Solution

The following Solution and proof to justify it were presented in the championship play-off.

Solution:	r	NCNEEqqr / R, Ci, NO	
Proof:	1	r	s
	2	NCNEEqqr	s
	3	a	NAAApqsr
		b	1
			NEEqqr
			s
		2	r
		c	CNEEqqr
		d	NCNEEqqr
			1, R R
			b, Ci

FOURTH NATIONAL ACADEMIC GAMES OLYMPICS (continued from page 1)

Many returned to their home areas after the Olympics concluded to receive further commendation. The Kittanning students (Armstrong County, PA) were honored guests at a community banquet in which the keynote speaker was Dr. Norman Vincent Peale. Ann Arbor (MI) Junior-high participants received congratulations from the Michigan State Senate for their championship performance. Such recognition for *brain power* put to constructive use is desirable to encourage more American youth to value and further their own education in a positive manner. ○

ACADEMIC GAMES ATTRACT DEDICATED TEACHERS (continued from page 1)

way of Brother Neal's Each-One-Sponsor-One Plan. As a busy teacher himself, he was unable to personally train the teachers of these growing numbers of schools in academic gamesmanship, but through this Each-One-Sponsor-One Plan, a new school could be added to the League *if* a school, *already in the League*, would sponsor it and *thus be responsible* for the training and organizing of this new-member-school.

The 1969 team pictured above represents the high-scoring students from a conference that is *thirteen-schools-strong*, thus enabling them to hold their own with the larger school systems they met at the National Olympics. Next year the New Orleans group plans to expand its league program to include ON-SETS.

Brother Neal was (and still is) serving as a fulltime teacher at St. Aloysius when he organized the New Orleans League. The Each-One-Sponsor-One Plan that he developed was a useful pattern for involving other schools in his area in academic games participation. His idea may be a helpful one to other busy teachers across the country. ○

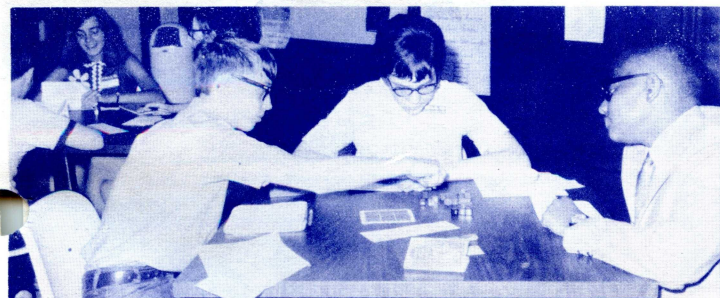
Other EQUATIONS Championship Teams



Carylton Elementary School, Allegheny Co., PA, left to right: Mrs. Cynthia Liebttag, Ken Eckles, Mark Sewell, Beth Evan, Bob Morrison, Cindy Sebrosky and Jane Evan.



Bethel Park High School, Allegheny Co., PA, left to right: Dave Pritchard, Steve Hoysan, Pete Hoysan, Barbara Friend and Paul Tang.



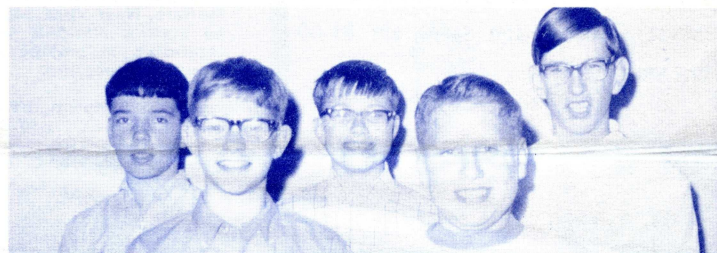
David Smith (left) of the overall junior high school championship Ann Arbor, MI, team, matches mathematical wits with Francine Olearchik, Springdale Junior High School, Allegheny Valley, PA, and Gregg DeMar, member of the National Olympics EQUATIONS championship team, St. Augustine School, New Orleans, LA.

LOUISIANA AND MICHIGAN TEAMS SUCCESSFULLY CHALLENGE THE PENNSYLVANIA 1968 OLYMPICS CHAMPIONS

Competition at the 1969 National Academic Games Olympics was lively, as sweeping inroads were made on Armstrong County's (PA) complete and undisputed 1968 champions by the New Orleans (LA), Ann Arbor (MI) and Allegheny County (PA) teams.

The Armstrong County forces were not completely overwhelmed, however. They swept to victory in the Senior High Division Championships, capturing top laurels in WFF 'N PROOF, PROPAGANDA and OVERALL. Armstrong County also won the Junior High School trophy for PROPAGANDA, and captured 2 of the individual championship awards. But compared to 1968, when Armstrong County teams completely dominated almost all opposition, the 1969 Olympics was closely contested and wide open to all contenders, as indicated by the many different individuals and teams who won various events. ○

Top Sets in ON-SETS



South Park Elementary School, Allegheny Co., PA, left to right: Bill Gadd, George Murphy, Harry Coleman, Eddie Fircak and Kenny Penrod.



Ann Arbor, MI, Junior High Schools, left to right: Mark Plant, David Smith, Paul Sussmann, Clark Carrington and Harold Sussmann. Ann Arbor also placed first in WFF 'N PROOF, Junior High Division, and won the Overall Award, for highest scoring Junior High School team.

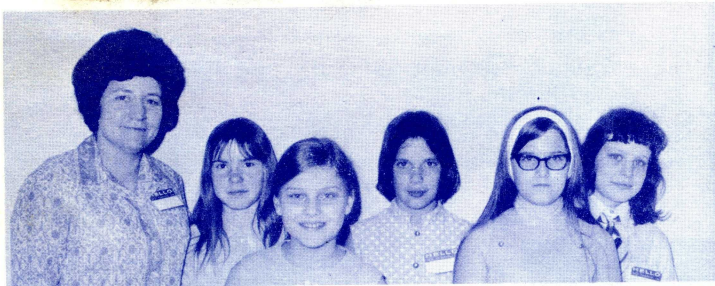


Mt. Lebanon High School, Allegheny Co., PA, left to right: Mr. Richard Pitcock, Coach, Kit Ketchum, Richard Shore, Claire Koeigler, Carl Mason and Andy Purbrick.



"Oh no!" I missed that possibility!", exclaims Eddie Fircak of South Park Elementary School (PA), to Bruce Edwards of Nova Elementary School (FLA) and Sandra Eckert, Allegheny Valley (PA). But he and his team-mates didn't miss many others, as they won championship honors.

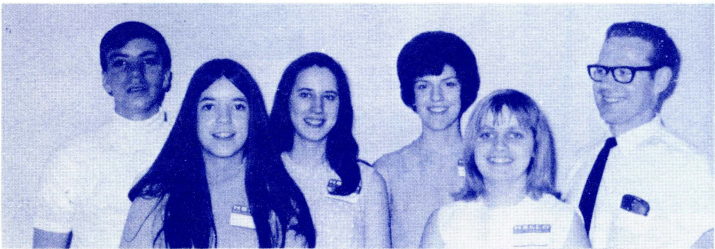
First In PROPAGANDA



Allegheny Valley Elementary School, Allegheny Co., PA, left to right: Miss Carolyn Pugh, Rosemary Hurley, Jayne Kratovil, Anna Wilson, Donna Markoski and Windy Wareham



Ford City Junior High School, Armstrong Co., PA, left to right: Barbara Stitt, Debby Dinger, Janice Germy, Peggy Davis and Debbie Vesty.



Dayton High School, Armstrong Co., PA, left to right: Ed Hollenbaugh, Mary Calhoun, June Goodhart, Karen Schrecengost, Joann Good and Mr. Walter Woodlee, Coach.

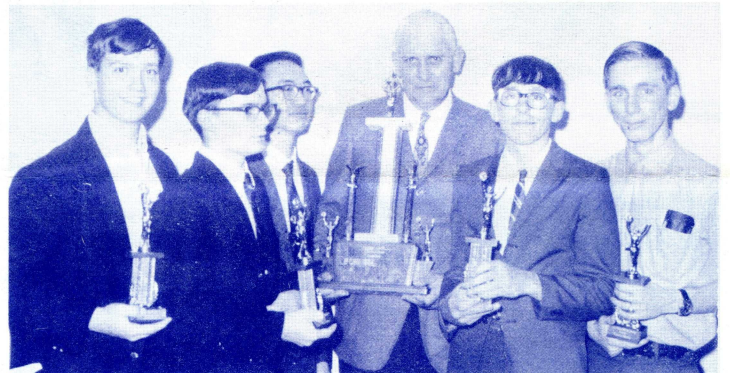


Enjoying their mental bout in PROPAGANDA analysis are, left to right: Jackson Driskell, Ft. Meyers High School, FLA, Judi Gessner, Pine Crest High School, Ft. Lauderdale, FLA and Reginald Foy, St. Augustine School, New Orleans, LA. In the background, Lawrence Liss, Assistant Director of Nova's Academic Games Program is busy with some of the many details necessary for the smooth handling of the tourney.

WFF 'N PROOF Champions Awarded Their Trophies



Allegheny Valley Elementary School, Allegheny Co., PA, left to right: Barbara Takach, Janet Marchek, Cheri Stanisky, Sandy Eckert, Mario Berasi, and Joe Leftwich. Robert Allen, Director, Nova Academic Games Project looks on. This team also won the Overall-highest-scoring-team award.



Armstrong County's Kittanning and Dayton High Schools both share the spotlight for WFF 'N PROOF's Number One Senior High School Spot. Kittanning also won the Overall Award. Kittanning Team, left to right: Tom Volek, Dave Toy, James Yee, Coach J. Mitchell Blose, Robert Hunia and Dave Reed.



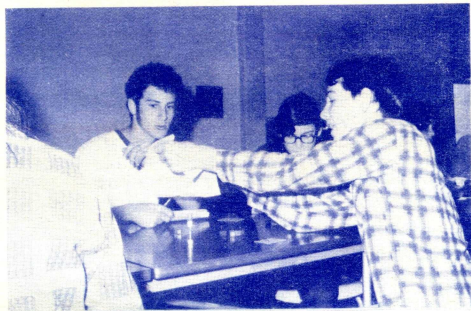
Dayton Team left to right: Ronald Shrock, Lorraine Buchanan, Ray Huber, Jeffrey Carrick (Absent: Steven Ellenberger, Brent Calhoun and Coach William Hollenbough).



Elizabeth Nutter, Pine Crest High School, Ft. Lauderdale, FLA, smiles at her latest coup, while Scott Jones (center) of Ft. Meyers, FLA and Dave Reed, Kittanning High School, Armstrong County, PA struggle with the problem that she has posed. Reed's team went on to win the High School overall championship and share WFF 'N PROOF laurels with Dayton High School, also of Armstrong County.

ANN ARBOR GOES TO THE NATIONAL OLYMPICS

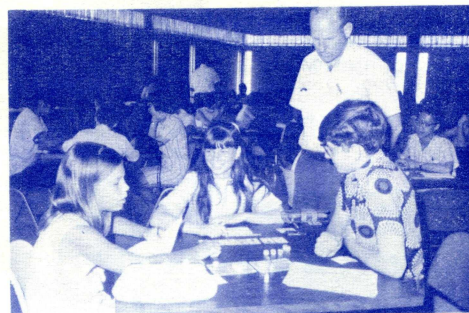
What's it like to go to the National Academic Games Olympics? This year the WFF 'N PROOF NEWSLETTER followed a team, through the process—from playoffs at the local level, to homecoming from Florida. Their story is really every Olympic team's story but with some added frosting in the conclusion; they came home winners!



Jim Hejna makes his point to Harold Sussman during a training session in EQUATIONS, while Paul Adelson studies the board.



The Ann Arbor coaches eagerly await the outcome of the first round. Left to right: Mr. William Larson, Miss Becky Aksamit, Mrs. Jeanne Perin and Mrs. Joan Ross.



In ON-SETS competition, Bill Warner (right) is pitted against Susan McClain (center) of the EQUATIONS championship New Orleans team and Denise Borowoy of Parkway, FLA., while Games Coordinator Richard Pitcock (Mt. Lebanon, PA) observes.



At the local playoffs the Ann Arbor Junior High School students play each other to determine team placement at the Olympics. Left to right: Paul Sussmann, David Sandalow, Harold Sussman, Paul Adelson and Mary Beth Ogilvie.



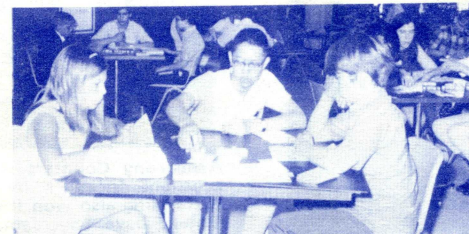
Filling out the Airline Youth Ticket forms, David Guttman, Stuart Packard, Mary Beth Ogilvie and Paul Adelson.



Settling Down for a Long Flight, Clark Carrington, Harold Sussman, David Sandalow and Paul Adelson.



At the Miami Airport, and Heading For Their Host Families Director, Nova Academic Games Project, Robert Allen helps load baggage as David Sandalow and Mary Jane Chase watch to be sure their's is on board.



A challenging experience for David Sandalow (right) as he plays national champion Dean Yee, Armstrong County, PA and Denise Borowoy, Parkway Junior High School, Ft. Lauderdale, Florida.



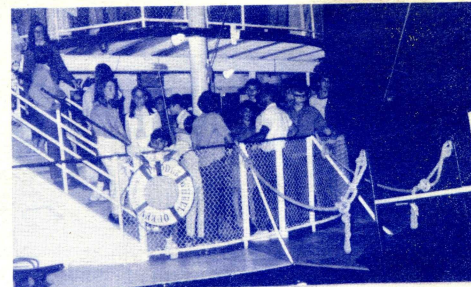
Reporting in Scores at "Home" Table, Mrs. Joan Ross, seated, and left to right Miss Becky Aksamit, Clark Carrington Mark Plant, Harold Sussman and Mrs. Jeanne Perin. After the tally, New Orleans edged out Ann Arbor in EQUATIONS by two points. But Ann Arbor came through on ON-SETS and WFF 'N PROOF.

Nova Hospitality

During the non-Olympics Hours, the Nova Hospitality Committee planned sightseeing events for the out of staters and their Host-Family-Brothers and Sisters. Not pictured was the tour of the QUEEN ELIZABETH now harbored permanently at Port Everglades—so huge that one can walk 20 miles along its corridors and not retrace steps. A special vote of thanks goes to all the host families with whom the out-of-staters lived for four days. These hosts fed and housed them and saw that they got to the Olympics and all sightseeing events on time. Now *that's* southern hospitality!



At the PIRATES WORLD, a well-known fantasy amusement park. "Dare we board the Mad Mouse?", ask Paul Adelson, Mark Plant and Richard Price of their Host Family "brothers."



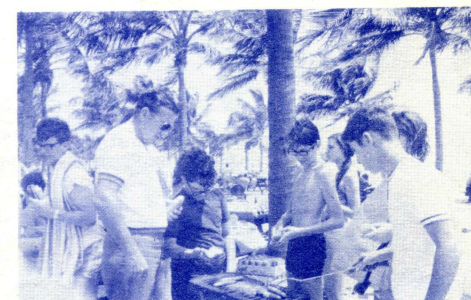
Aboard the Paddlewheel Queen for a cruise along the Intercoastal Waterways of Ft. Lauderdale.

After the Olympics At The Famous Ft. Lauderdale Public Beach

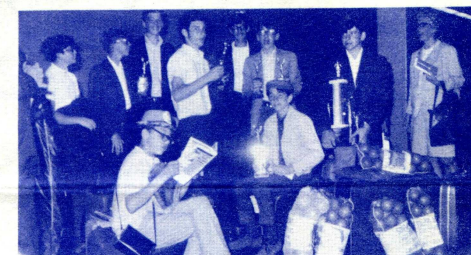
The Olympics are over, and the students plan their last delicate strategies: How to bury one's coach alive and how to properly toast a wiener!



Left to right: Linda Davis, Nova Junior High Host "sister", Mary Beth Ogilvie and Mary Jane Chase. The gentleman spitting sard out of his mouth is Coach Bill Larson.



Director Robert Allen and Chef Gary Fox of Nova concentrate on the delicate job at hand.



Waiting for that Night Flight back to Ann Arbor and proud parents.



The Ann Arbor News takes a group portrait of its city's "matheletic" heroes. Left to right seated: Harold Sussman, David Smith, Paul Sussman, Mark Plant, Clark Carrington. Standing: Richard Price, Stuart Packard, Bill Warner, David Guttman, Jim Hejna, Mary Beth Ogilvie, John Laird, David Sandalow, Paul Adelson, Mary Jane Chase.

FINANCING THE TEAM

The experiences and accomplishments of the Ann Arbor team in participating in the National Academic Games Olympics were made possible by the financial contributions of the following public-spirited individuals, organizations and business firms: Mr. and Mrs. Joseph Adelson, Mr. and Mrs. John Boley, Prof. Wilfred Kaplan, Mr. and Mrs. Ed Laubengayer, Mr. Neil Staebler, the American Behavioral Science Training Laboratory of Detroit, Forsythe Junior High School Student Council, Tappan Junior High School Parent-Teachers Organization, Tappan Junior High School Student Council, Argus Optics, Conduction, Edwards Brothers Inc., Information Control Systems, Kiwanis Club, University Microfilm and Wff 'N Proof Publishers.

BULLETIN BOARD

PLAYERS WANTED

Billy Adler, Jr. a high school student, 110 East End Avenue, New York City, 10028, has started a club called "The Universal Set." The members would like to know if there are any other clubs in the greater New York area who would like to challenge them to EQUATIONS, ON-SETS, WFF 'N PROOF, REAL NUMBERS or TAC-TICKLE. They have 21 members who are beginners, intermediate and advanced players. TEL: (212) LE 5-3773.

John Buchser, 15, R.R. No. 1, Box No. 337-A, Espanola, New Mexico 87532, would like to find an opponent to play WFF 'N PROOF in the Espanola area and possibly start a club. TEL: 753-2987.

David Craig, Age 25, 18 Walk Hill St., Apt. 8, Jamaica Plain, Massachusetts (TEL: 524-6092) desires to know of WFF 'N PROOFers (or TRI-NIMers or TAC-TICKLers) in the Boston area.

Ronald Lasser, age 16, of 249 West Maplemere Road, Buffalo, New York 14221 (TEL: 633-8658) would like to start a National WFF 'N PROOF Club. Persons interested in playing all the WFF 'N PROOF games should contact him.

David Simpson, of 6202 Stratford Ct., Huntsville, Alabama (TEL: 837-3075) would like to know if anyone in the Huntsville area is interested in SHAKE-A-WFF or COUNT-A-WFF.

Editor: Ruth C. Patmore

The WFF 'N PROOF Newsletter is published quarterly (Winter, Spring, Summer, Fall) as a vehicle for the exchange of information about the use of autotelic instructional materials. Material for inclusion should be sent to: WFF 'N PROOF Box 71, New Haven, Connecticut 06501. Subscription rates are \$1.00 per year.

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SUMMER, 1969

WFF 'N PROOF

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WFF 'N PROOF NEWSLETTER, 1111 Maple Ave., Turtle Creek, Pa. 15145

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Tops in AMERICARD U.S.A. and EURO-CARD (continued from page 4)

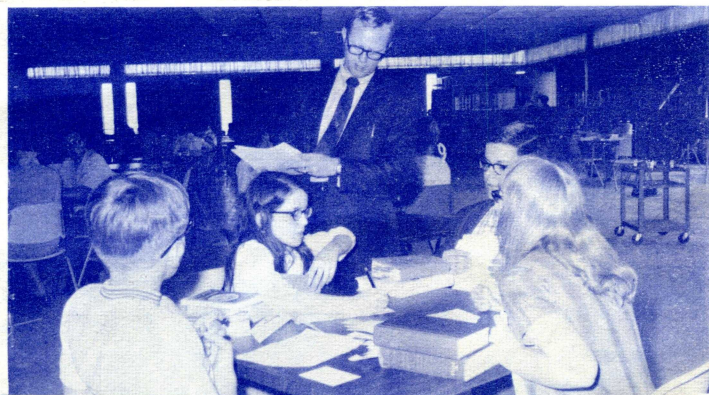
Shown at the right are the following students, "armed" with their history and geography resource materials (left to right): Don Gardner, Elderton Junior High School, Elderton, PA, Janet Holmes, Pincrest Junior High School, Ft. Lauderdale, FLA, William Hargast, National Champion from Springdale Junior High School, Springdale, PA, and Judy Turk, also from Springdale. Mr. Gene Brown, Pennsylvania Regional Director of Academic Games Programs, checks on their progress.



Allegheny Valley Elementary School (A Team), Allegheny Co., PA, left to right: David Moorhead, Daryl Hyatt, Kenny Stratton, Ronnie Morrone and Jimmie Payne.



Springdale Junior High School, Allegheny Co., PA, left to right: William



Fox Chapel High School, Allegheny Co., PA, left to right R. Anthony Rall, Keith Lucas, Peter Spirtes, Eric Horne, Woody Lauer (Johannesburg) and