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FINAL RESULTS

Fifty-Third Annual M.H.S.A.A.

CLASS B

BOYS' CHAMPIONSHIP SWIMMING AND DIVING MEET

Friday, March 11, 1977
Saturday, March 12, 1977

Auspices
UNIVERSITY OF MICHIGAN

Hatt Mann Pool

MEET OFFICIALS

Meet Managers Dick Kimball
Meet Secretary Gail Kimball
Starter Tony Tashnick
Referee Ray Martin
Ass't Referee Stu Isaac

ORDER OF EVENTS

200 Yards Medley Relay
200 Yards Freestyle
200 Yards Individual Medley
50 Yards Freestyle
One Meter Springboard Diving
100 Yards Butterfly
100 Yards Freestyle
500 Yards Freestyle
100 Yards Backstroke
100 Yards Breaststroke
400 Yards Freestyle Relay

The first part of the document
 discusses the general principles
 of the proposed system. It
 outlines the objectives and
 the scope of the project.

The second part of the document
 describes the methodology used
 in the study. It details the
 data collection process and
 the analysis techniques.

The third part of the document
 presents the results of the study.
 It includes a detailed analysis
 of the data and a discussion
 of the findings.

The final part of the document
 provides conclusions and
 recommendations. It discusses
 the implications of the study
 and offers suggestions for
 future research.

TEAM SCORES

1	East Grand Rapids	208
2	Inkster Cherry Hill	109
3	Milan	107
4	Okemos	81
5	Fenton	71
6	Grandville	70
7	Riverview Community	69
8	Grand Rapids Northview	67
9	Holland West Ottawa	65
10	Saginaw Eisenhower	34
11	Fremont	29
12	Warren Woods	28
13	Livonia Clarenceville	24
14	Detroit Austin	23
15	Utica	22
	University of Detroit	22
17	Dearborn Heights Riverside	20
18	Alma	19
19	Fruitport	15
20	Southgate	14
	Ludington	14
22	Otsego	11
23	Detroit De La Salle	10
	Rudyard	10
	Essexville Garber	10
25	Holland Christian	7
	Hudsonville	7
	Dundee	7
29	St. Johns	5
30	Troy	4
	Flint Ainsworth	4
32	Grand Rapids West Catholic	2
33	Cvid Elsie	1

Year	Population	Area
1900	1,000,000	100
1905	1,100,000	110
1910	1,200,000	120
1915	1,300,000	130
1920	1,400,000	140
1925	1,500,000	150
1930	1,600,000	160
1935	1,700,000	170
1940	1,800,000	180
1945	1,900,000	190
1950	2,000,000	200
1955	2,100,000	210
1960	2,200,000	220
1965	2,300,000	230
1970	2,400,000	240
1975	2,500,000	250
1980	2,600,000	260
1985	2,700,000	270
1990	2,800,000	280
1995	2,900,000	290
2000	3,000,000	300
2005	3,100,000	310
2010	3,200,000	320
2015	3,300,000	330
2020	3,400,000	340

EVENT 1 -- 200 YARDS MEDLEY RELAY

State Record -- East Grand Rapids, (Jay Alt, Robert Lundquist,
Michael Mooney, Glenn Wright), 1976 Prelims,
1:41.27

Heat	Lane	Name, Grade, School	Seed Time	50	100	150	200
F 2	5 4	Inkster Cherry Hill	1:44.6	26.9	55.9	1:18.7	1:41.632
				27.3	56.6	1:19.9	1:43.031
F 3	5 3	East Grand Rapids	1:43.3	26.5	54.2	1:19.4	1:42.349
				26.5	54.5	1:19.9	1:42.428
F 5	5 2	Saginaw Eisenhower	1:45.5	28.6	57.9	1:23.2	1:45.551
				28.1	57.3	1:22.3	1:44.241
F 6	3 4	Grand Rapids Northview	1:45.3	27.2	58.6	1:23.0	1:45.901
				27.0	58.4	1:23.2	1:45.917
F 1	2 5	Warren Woods	1:49.7	28.0	58.3	1:24.0	1:47.218
				28.1	57.7	1:23.1	1:45.878
F 4	4 3	(Disqualified) Fenton	1:43.9				1:42.071
				26.2	55.1	1:20.2	1:42.593
C 2	4 4	Holland West Ottawa	1:44.9	26.7	57.1	1:22.2	1:45.303
				26.9	58.7	1:24.0	1:46.914
C 3	4 2	Detroit Austin	1:45.8	29.3	57.7	1:24.0	1:46.445
				28.8	56.4	1:23.0	1:45.918
C 4	3 2	Fremont	1:45.9	26.8	56.8	1:22.6	1:47.106
				26.7	56.1	1:22.1	1:46.366
C 5	3 6	Otsego	1:49.0	26.9	58.6	1:24.6	1:47.939
				27.1	57.9	1:24.1	1:47.167
C 6	4 1	Grandville	1:48.2	29.6	59.4	1:25.3	1:48.874
				29.1	58.6	1:24.5	1:47.638
C 1	5 5	(Disqualified) Essex Garber	1:47.3				1:48.696
				28.5	1:00.0	1:23.8	1:47.618
1 3	5 1	Ypsilanti Willow Run	1:49.9	27.9	59.1	1:25.1	1:47.654
				26.7	57.6	1:23.4	1:47.854
4 5	3 5	Dearborn Heights Riverside	1:47.4	28.7	58.6	1:24.4	1:47.863
		Corunna	1:47.8	35.1	58.5	1:24.3	1:47.970
2 3	3 1	Utica	1:49.1	29.3	58.9	1:25.4	1:48.435
		Erie-Mason	1:48.3	27.1	58.8	1:26.2	1:48.640
2 1	2 6	Hudsonville	1:49.7	28.3	58.7	1:24.0	1:48.667
		Holland Christian	1:49.9	29.4	59.4	1:25.4	1:49.543
1 1	4 6	Alma	1:50.1	29.2	1:00.5	1:26.3	1:49.589
		Saginaw Douglas MacArthur	1:49.0	28.3	58.5	1:26.0	1:49.609
2 4	2 4	Holt	1:49.3	29.2	1:00.2	1:26.8	1:50.056
		South Haven	1:50.0	28.7	59.1	1:25.8	1:50.385
1 4	2 2	Gwinn	1:49.9	28.8	59.5	1:25.8	1:50.458
		Wyoming Rogers	1:49.7	28.7	59.5	1:26.4	1:50.643
1 5	3 3	Rockford	1:50.0	30.2	1:00.9	1:29.3	1:53.015
		University of Detroit	1:44.1	25.4	55.7	1:20.4	1:43.351
5 6	5 6	(Disqualified) Milan	1:48.8	30.5	59.7	1:26.4	1:49.534
		(Disqualified) West Catholic					

EVENT 2 -- 200 YARDS FREESTYLE

State Record -- Bruce Varana, Riverview Community, 1977, 1:44.843

Heat	Lane	Name, Grade, School	Seed Time	50	100	150	200
F 4	3	Varana, Bruce (12) - Riv. Comm.	1:48.0	24.2	50.5	1:17.4	1:44.843*
	3			25.1	52.4	1:19.9	1:47.234
F 3	5	Roh, Bob (12) - Grandville	1:46.4	24.6	50.8	1:17.8	1:44.921
	3			24.2	50.7	1:18.7	1:46.962
F 2	5	Dudley, Tom (11) - Okemos	1:50.4	24.9	52.0	1:19.5	1:47.484
	2			25.1	52.6	1:20.9	1:48.843
F 1	4	McGuire, Pat (11) - U. of Det.	1:50.8	24.6	51.4	1:19.6	1:48.387
	2			25.1	52.8	1:21.1	1:49.592
F 6	4	Wassman, Mike (12) - Clarence.	1:49.9	25.4	52.4	1:20.6	1:49.267
	4			25.8	53.6	1:21.4	1:49.823
F 5	4	Newton, Robert (11) - Northview	1:47.0	24.8	52.3	1:20.7	1:49.326
	3			25.7	53.5	1:21.4	1:49.022
C 3	3	Wright, Eric (10) - E.G.R.	1:50.0	25.1	52.9	1:21.7	1:50.314
	4			25.0	52.6	1:21.3	1:50.701
C 4	5	Kimball, Neil (12) - E.G.R.	1:49.4	25.0	52.8	1:21.7	1:50.713
	4			24.9	52.1	1:20.9	1:50.811
C 2	3	Wehrmeister, Randy (12) - Ch. H.	1:51.9	25.0	53.0	1:22.4	1:51.825
	2			25.1	52.8	1:22.0	1:51.580
C 5	4	Rose, Larry (11) - Milan	1:55.0	25.6	53.4	1:23.0	1:53.280
	1			25.8	53.5	1:22.5	1:51.857
C 1	5	Dereadt, Chuck (12) - Utica	1:52.3	25.4	53.9	1:23.8	1:53.464
	5			25.4	53.4	1:22.7	1:52.088
C 6	2	Kirschke, Eric (10) - Clarence.	1:56.1	25.3	53.6	1:23.6	1:54.087
	5			25.9	54.0	1:23.0	1:52.322
1 3	4	Schuler, Gary (11) - Ch. Hill	1:56.2	25.9	54.3	1:23.7	1:52.632
	5	Crimp, Marty (12) - Fenton	1:52.9	25.9	54.1	1:23.4	1:52.915
	6	Bucklin, Tom (10) - Okemos	1:55.3	26.3	54.4	1:23.6	1:53.139
	5	Moored, David (11) - Grandville	1:54.9	26.3	55.2	1:24.9	1:54.525
	3	Murt, Rick (11) - Riv. Comm.	1:55.8	26.9	56.2	1:26.1	1:55.845
	1	Brown, Doug (9) - Dundee	1:54.9	26.1	55.1	1:25.4	1:56.186
	2	Folk, Pat (9) - Riverside	1:56.1	26.9	56.2	1:26.7	1:56.586
	3	Burtnell, Darrin () - Clawson	1:55.2	26.3	56.1	1:26.8	1:57.028
	6	Burchill, Wally (11) - Mason	1:55.3	25.9	54.3	1:24.9	1:57.089
	3	Meeusen, Greg (11) - Grandv.	1:55.7	26.7	56.2	1:26.8	1:57.335
	2	Clark, Shawn (10) - Milan	1:56.1	27.0	56.7	1:27.2	1:57.448
	1	Morren, Mike (11) - Grandv.	1:56.3	25.9	55.5	1:26.5	1:58.265
	1	Bergers, Blake (10) - E.G.R.	1:56.3	26.4	56.6	1:28.9	2:00.186

* New State Record

EVENT 3 -- 200 YARDS INDIVIDUAL MEDLEY

State Record -- Steve Ploussard, Okemos, 1975, 1:59.77

Heat	Lane	Name, Grade, School	Seed Time	50	100	150	200
F 4	5	Dakin, Jerry (12) - Milan	2:04.4	25.4	:55.1	1:32.1	2:01.305
	3			25.3	:55.8	1:33.1	2:02.377
F 3	6	Lundquist, Robert (11) - E.G.R.	2:04.0	26.4	:57.7	1:32.2	2:01.787
	3			26.4	:57.6	1:32.3	2:02.086
F 2	4	Christenson, Dave (11) - E.G.R.	2:06.7	25.7	:57.4	1:34.5	2:03.636
	4			25.8	:57.9	1:34.9	2:04.206
F 5	6	Parini, Joe (11) - E.G.R.	2:05.1	27.4	:57.8	1:35.0	2:04.931
	4			26.9	:57.6	1:34.8	2:05.205
F 1	5	Archambault, Dan (12) - Fenton	2:06.2	26.5	:59.0	1:38.2	2:06.284
	4			26.8	:59.5	1:37.7	2:06.163
F 6	4	Hayden, Doug (9) - Okemos	2:08.3	27.8	1:01.8	1:38.0	2:07.807
	5			27.4	1:01.3	1:37.0	2:06.758
C 3	4	Slocum, Tom (12) - Fremont	2:05.1	26.2	:57.0	1:36.2	2:05.432
	3			26.3	:57.1	1:37.3	2:07.100
C 1	5	Cotter, Mark (12) - Ch.Hill	2:07.6	27.0	1:00.4	1:36.0	2:06.431
	2			26.6	:59.9	1:36.6	2:07.891
C 6	6	Edgar, Andy (12) - Alma	2:07.8	28.2	1:01.9	1:39.1	2:09.206
	5			27.9	1:01.0	1:38.2	2:07.916
C 2	4	Breske, Mike (11) - Warren W.	2:07.6	27.8	1:00.7	1:38.3	2:09.431
	2			27.3	:59.7	1:37.6	2:07.793
C 4	6	Harpstead, Phil (12) - Okemos	2:10.0	27.3	1:00.0	1:39.2	2:09.457
	1			27.3	:59.1	1:37.8	2:07.787
C 5	6	Wright, Glenn (12) - E.G.R.	2:07.5	28.4	1:01.0	1:39.6	2:09.802
	2			27.4	:59.5	1:37.4	2:07.843
2 2		Godfrey, Craig (10) - Alma	2:12.7	27.4	1:00.6	1:37.7	2:08.453
4 1		Murphy, Gary (12) - Fenton	2:10.1	27.6	1:01.4	1:37.1	2:08.645
3 3		Blair, Rex (10) - Willow Run	2:11.7	28.3	1:01.1	1:39.6	2:09.477
1 4		Marsh, Terry (12) - Okemos	2:14.4	26.9	:59.3	1:39.2	2:09.685
5 5		Hessburg, Tom (12) - Austin	2:08.0	28.8	1:03.4	1:39.6	2:09.952
5 1		Hameline, Jim (12) - Fenton	2:10.0	27.4	1:02.6	1:39.0	2:10.197
3 1		LaSarge, Paul (12) - Grandv.	2:12.2	27.3	1:01.7	1:39.7	2:10.274
6 6		Jones, Kyle (11) - Milan	2:10.6	27.5	1:01.5	1:40.4	2:11.130
2 1		Lega, Chris (11) - Warren W.	2:13.0	29.6	1:01.8	1:40.5	2:11.425
1 3		Krell, Andy (9) - E.G.R.	2:14.3	27.6	1:01.0	1:40.6	2:12.688
3 4		Koslosky, David (12) - Ch.Hill	2:11.8	26.4	1:00.3	1:40.3	2:12.833
4 6		Avink, Scott (10) - Godw.Hts.	2:11.4	27.5	1:01.6	1:41.1	2:12.957
3 6		Drumm, Gordon (12) - Rockford	2:12.2	27.6	1:02.9	1:42.3	2:13.065
5 6		Schaut, William (11) - W.Cath.	2:11.4	27.8	1:02.0	1:43.3	2:13.127
2 3		Saurer, Craig (11) - Albion	2:12.2	28.0	1:02.3	1:43.2	2:14.553
1 2		Shaffer, Karl (12) - Utica	2:14.4	29.0	1:03.0	1:44.6	2:15.911
1 1		Greenleaf, Richard (9) - Milan	2:14.4	28.1	1:03.2	1:45.2	2:16.352
2 5		Wiersema, Maurits (10) - Jen.	2:13.0	27.5	1:04.3	1:45.5	2:17.248
2 4		Carrier, Brad (12) - Jenison	2:12.6	28.8	1:05.8	1:45.5	2:17.276
2 6		Myron, Robert (11) - Corunna	2:13.8	28.3	1:03.7	1:45.7	2:18.069
3 5		Krajewski, Anthony (12) - D.L.S.	2:12.1	27.1	1:02.1	1:44.1	2:22.946
Scr.		Ward, Andy (11) - Gwinn	2:14.4				

EVENT 4 -- 50 YARDS FREESTYLE

State Record -- John Newton, Grand Rapids Northview, 1975, :21.40

Heat	Lane	Name, Grade, School	Seed	Time	50
F 1	7 3	Nelis, Pat (12) - Holland West Ottawa	22.2	22.364	22.699
F 3	7 2	Van Meter, John (9) - East Grand Rapids	22.8	22.446	22.273
F 4	6 4	Jones, Jay (10) - Milan	22.7	22.462	22.528
F 2	6 3	Dalgleish, Tom (12) - Grand Rapids Northview	22.6	22.491	22.681
F 5	7 4	Ferguson, Greg (10) - Fruitport	22.7	22.603	22.693
F 6	5 3	Beaty, Jeff (12) - Riverview Community	22.7	22.832	22.782
C 1	6 2	Dunscombe, Ian (12) - Eisenhower	22.9	22.940	23.181
C 4	5 2	Lillie, Scott (11) - Inkster Cherry Hill	22.9	22.986	22.912
C 3	5 4	Hamming, Darrin (11) - Hudsonville	22.7	23.164	22.789
C 6	7 5	Hall, Jim (11) - Essexville Garber	22.9	23.209	23.249
C 2	6 1	Woods, Thomas (11) - Saginaw Eisenhower	23.2	23.241	23.093
C 5	2 5	Wohlfeil, Eric (11) - Inkster Cherry Hill	23.7	23.455	23.154
7 1	5 6	Benedict, D.J. () - Grand Rapids Northview	23.1	23.292	
	1 2	Cox, Mike (12) - Grandville	23.3	23.304	
	5 5	Pindar, Richard (11) - West Catholic	23.7	23.346	
	5 1	Sinclair, Dwight (11) - Fenton	23.0	23.349	
	3 5	Church, Jeffery (10) - Ypsilanti Willow Run	23.2	23.349	
	4 4	Shankie, Kirk (10) - Warren Woods	23.6	23.379	
	7 6	Matthews, Mike (12) - Flint Ainsworth	23.4	23.560	
	3 4	Carroll, James (10) - Saginaw Douglas MacArthur	23.2	23.569	
	2 4	Robinson, Chris (11) - Flint Ainsworth	23.6	23.601	
	6 5	Spencer, Matt (12) - Flint Ainsworth	23.7	23.642	
	4 2	Moeke, George (11) - Holland t Ottawa	23.0	23.725	
	1 4	Parker, Perry (12) - Holt	23.4	23.731	
	6 6	Lobkovich, Steve (12) - Inkster Cherry Hill	23.7	23.737	
	4 1	Spindler, Bill (11) - DeWitt	23.3	23.803	
	3 3	Elinski, Chris (12) - Erie-Mason	23.5	23.843	
	2 2	Hessburg, John (10) - Austin	23.5	23.935	
	4 3	Madura, Chris (12) - Grand Rapids Catholic Central	23.7	24.003	
	3 6	Welty, Kurt (11) - Corunna	23.3	24.003	
		Anderson, Howard (10) - Troy	23.6	24.013	

(Next page)

EVENT 4 -- 50 YARDS FREESTYLE Continued

<u>Heat</u>			<u>Seed</u>	
<u>Lane</u>	<u>Name, Grade, School</u>		<u>Time</u>	<u>50</u>
2 3	Garcia, Mike (12) - Rudyard		23.7	24.035
1 3	Lueder, Jeff (11) - Holt		23.7	24.166
4 5	Edwards, Mark (12) - Milan		23.5	24.195
3 2	Peterson, Bill (12) - Southgate		23.6	24.490
3 1	Zadalis, Tim (12) - Gwinn		23.6	24.587
4 6	Horndt, Steve (10) - Southgate		23.5	24.996

EVENT 5 -- ONE METER SPRINGBOARD DIVING

<u>Place</u>	<u>Name, Grade, School</u>	<u>Prelim Points</u>	<u>Semi-F Points</u>	<u>Final Points</u>
1	Cook, Michael (12) - East Grand Rapids	215.30	314.35	471.10
2	Bouma, Tony (12) - Grandville	191.25	289.65	402.15
3	Burruss, Robert (12) - East Grand Rapids	166.75	255.75	393.70
4	Bradley, John (10) - Southgate	191.40	276.10	391.45
5	Judd, Curtis (11) - Rudyard	172.75	252.35	386.00
6	Renwick, Tim (12) - Ludington	181.55	260.60	366.65
7	Hirdes, Kevin (11) - Holland Christian	169.90	244.00	363.95
8	Grost, Mark (12) - St. Johns	162.00	235.10	347.55
9	Edenfield, Mark (12) - Troy	163.30	228.55	337.00
10	Gierke, Jan (11) - Milan	161.05	237.60	331.20
11	Hoe, Eric () - Fremont	163.20	242.30	329.60
12	Staples, Russ () - Cvid Elsie	161.20	230.40	314.55
13	Bogie, Jim (12) - Mt. Morris	156.50	222.85	
14	Walker, Rich (11) - Avondale	159.40	211.80	
15	Turner, Fred (12) - Clarenceville	155.00	209.55	
16	Gort, Scott (11) - Wyoming Godwin Hts	165.00	209.20	
17	Symons, Mike (12) - Milan	153.85		
18	Brown, Bob (11) - Gr.Rapids Cath. Central	152.95		
19	Cole, Jim (12) - St. Johns	152.25		
20	Koblinski, Tony (12) - Fenton	144.60		
21	Fage, James (11) - Haslett	142.05		
22	Visser, Jon (11) - Jenison	139.40		
23	Grund, Ken (11) - Clarenceville	133.85		
24	Lozen, Chris (12) - Utica	132.90		
25	Hinze, Keith (10) - Riverview Community	131.25		
26	Leathley, Bob (11) - Clarenceville	130.35		
27	Bates, Tim (12) - Erie Mason	129.70		
28	Harbaugh, Bill (12) - Erie Mason	126.55		
29	Gerrits, Mike (12) - Hudsonville	124.75		
30	Schultz, Lisa (10) - Mt. Morris	107.50		

EVENT 5 -- 100 YARDS BUTTERFLY

State Record -- Richard Kogelschatz, Cherry Hill, 1977, 52.260

Heat	Lane	Name, Grade, School	Seed Time	50	100
F 5	5	Kogelschatz, Richard (11) - Cherry Hill	53.0	23.8	*:52.260
	3			24.9	:55.171
F 3	4	Christenson, Dave (11) - E.G.R.	55.0	25.3	:54.296
	3			25.7	:53.930
F 4	3	Jones, Jay (10) - Milan	56.0	26.0	:54.742
	4			26.0	:54.837
F 6	5	Zinker, Mike (12) - Milan	56.0	25.6	:55.125
	4			25.9	:55.856
F 2	4	Leonard, Jeff (11) - Milan	56.0	25.8	:55.156
	4			25.7	:55.017
F 1	3	Brink, Brian (11) - Fenton	55.7	26.1	:55.955
	3			25.9	:55.321
C 2	4	Hall, Jim (11) - Essexville Garber	56.8	25.6	:55.570
	2			26.0	:56.689
C 4	3	Ferguson, Greg (10) - Fruitport	56.9	26.0	:56.607
	2			26.2	:56.418
C 3	5	Arent, Jim (12) - Ludington	57.6	26.7	:56.837
	1			26.4	:56.281
C 5	5	Peterson, Bill (12) - Southgate	57.1	26.0	:56.843
	5			26.6	:56.697
C 6	5	Koslosky, David (12) - Cherry Hill	58.0	26.1	:57.348
	6			26.5	:57.008
C 1	5	Sinclair, Dwight (11) - Fenton	56.1	26.3	:58.839
	2			25.9	:56.875
	3	Kirschke, Eric (11) - Clarenceville	57.9	26.4	:57.021
	5	Conklin, Richard (10) - East Gr.Rapids	57.3	26.4	:57.033
	6	Foltz, Gregory (9) - Doug.MacArthur	58.3	26.3	:57.733
	5	Wheeler, Kerry (11) - Holland West Ottawa	58.6	26.9	:57.912
	5	Breske, Mike (11) - Warren Woods	57.2	27.3	:58.048
	1	Pickett, Kenneth (11) - Cherry Hill	58.9	27.3	:58.063
	1	Bazzell, Mark (12) - Dundee	57.8	26.4	:58.133
	6	Miersema, Maurits (10) - Jenison	58.3	27.0	:58.416
	2	Ferrel, Dean (10) - Holland West Ottawa	58.5	26.9	:58.618
	6	Krell, Andy (9) - East Grand Rapids	58.7	27.8	:58.625
	2	Belknap, Bob (12) - Erie Mason	58.7	27.1	:59.376
	1	Walton, Bob (11) - Oscoda	58.8	27.6	:59.877
	2	Avink, Scott (10) - Godwin Heights	58.4	27.3	1:00.095
	1	Dykema, Joel () - Gr.Rapids Northview	58.8	27.4	1:00.637
	2	Shea, Tom (12) - Austin	58.5	27.6	1:02.148
	Scr.	Ward, Andy (11) - Gwinn			

* New State Record

EVENT 7 -- 100 YARDS FREESTYLE

State Record -- John Newton, Grand Rapids Northview, 1975, :45.31

Heat			Seed		
Lane	Name, Grade, School		Time	50	100
F 3	Varana, Bruce (12) - Riverview Community		48.9	23.5	48.538
5 3				23.6	49.089
F 2	Dalgleish, Tom (12) - Gr.Rapids Northview		49.6	23.1	49.028
5 4				23.8	49.991
F 5	Nelis, Pat (12) - Holland West Ottawa		48.9	23.7	49.489
4 3				24.3	50.007
F 4	McGuire, Fat (11) - University of Detroit		50.4	23.8	49.556
5 2				24.1	49.416
F 1	Walker, Randy (11) - Fenton		50.1	23.7	49.571
3 4				23.9	50.139
F 6	Kimball, Neil (12) - East Grand Rapids		49.6	24.3	50.032
3 3				24.5	50.145
C 2	Van Meter, John (9) - East Grand Rapids		50.8	23.4	50.191
3 2				24.1	50.699
C 3	Wright, Eric (10) - East Grand Rapids		50.0	24.5	50.359
4 4				24.6	50.571
C 5	Beaty, Jeff (12) - Riverview Community		51.4	23.9	50.866
4 1				24.0	50.861
C 4	Wehrmeister, Randy (12) - Cherry Hill		51.5	24.4	50.936
5 6				24.4	50.583
C 1	Wohlfeil, Eric (11) - Cherry Hill		51.8	24.2	50.944
4 6				24.3	50.872
C 6	Woods, Thomas (11) - Eisenhower		51.1	24.3	51.121
4 5				24.9	51.333
4 2	Dunscombe, Ian (12) - Eisenhower		50.8	24.4	51.404
5 5	Benedict, D. J. () - Northview		50.9	24.3	51.442
3 5	Reest, Jeff (11) - Holland West Ottawa		51.2	24.2	51.542
3 6	Crimp, Marty (12) - Fenton		52.1	25.2	51.630
2 2	Bucklin, Jon (10) - Okemos		52.3	25.1	51.652
5 1	Robinson, Chris (11) - Flint Ainsworth		51.4	24.8	51.848
2 6	Dudley, John (11) - Willow Run		52.4	24.5	51.902
1 5	Cox, Mike (12) - Grandville		52.5	24.3	52.332
2 5	Maricle, Mark (11) - Milan		52.4	25.2	52.490
1 4	Pindar, Richard (11) - West Catholic		52.5	24.5	52.512
2 4	Spindler, Bill (11) - DeWitt		52.3	25.0	52.884
1 2	Saurer, Craig (11) - Albion		52.5	25.6	52.945
2 3	Anderson, Howard (10) - Troy		52.2	25.3	53.540
2 1	Renshaw, Ron (11) - Utica		52.4	25.5	53.633
Scr.	Kushmaul, William (10) - Eisenhower		51.4		
Scr.	Guenther, Joe (10) - East Grand Rapids		52.4		

EVENT 8 -- 500 YARDS FREESTYLE

State Record -- Bob Roh, Grandville, 1977, 4:46.795

Heat	Lane	Name, Grade, School	100	200	300	400	500
F 2	2	Roh, Bob (12) - Grandville	55.1	1:53.9	2:52.8	3:50.3	4:46.795*
5 3	3		53.8	1:52.7	2:52.1	3:52.3	4:52.485
F 3	3	Dudley, Tom (11) - Okemos	55.4	1:54.3	2:53.4	3:50.6	4:48.566
3 3	3		55.4	1:53.7	2:53.2	3:53.0	4:51.391
F 4	4	Newton, Robert (11) - Northv.	55.4	1:54.7	2:53.9	3:53.3	4:51.773
4 3	3		54.8	1:53.6	2:52.8	3:52.6	4:51.736
F 5	4	Wassman, Mike (12) - Clarenc.	54.8	1:55.0	2:55.5	3:56.9	4:58.145
4 4	4		53.6	1:51.4	2:52.8	3:55.9	4:59.861
F 1	3	Marsh, Terry (12) - Okemos	56.9	1:57.2	2:57.9	3:59.6	5:00.255
3 6	6		57.5	1:57.5	2:58.5	4:00.3	5:01.573
F 6	5	Archambault, Dan (12) - Fen.	55.2	1:56.0	2:57.1	3:59.3	5:00.501
5 4	4		54.9	1:56.2	2:58.6	4:01.4	5:02.614
C 3	5	Cleary, Kevin (10) - Okemos	58.3	1:58.5	2:58.9	3:59.5	5:00.763
5 6	6		59.2	2:00.3	3:02.2	4:04.2	5:04.620
C 1	5	Dereadt, Chuck (12) - Utica	57.4	2:00.5	3:03.8	4:06.6	5:07.451
5 2	2		56.7	1:58.8	3:01.6	4:05.7	5:08.066
C 2	4	Moored, David (11) - Grandv.	56.7	1:58.9	3:01.9	4:05.5	5:07.923
4 2	2		56.8	1:58.2	3:00.7	4:04.1	5:06.739
C 5	4	Schuler, Gary (11) - Ch.Hill	56.6	1:59.2	3:02.2	4:06.6	5:09.521
4 1	1		56.2	1:58.0	3:01.0	4:04.5	5:07.589
C 4	3	Rose, Larry (11) - Milan	58.9	2:01.1	3:04.6	4:08.5	5:09.762
3 5	5		58.0	1:59.0	3:01.1	4:03.4	5:05.409
C 6	5	Arent, Jim (12) - Ludington	57.6	2:01.9	3:08.0	4:14.2	5:20.120
5 1	1		57.9	2:00.9	3:03.7	4:07.6	5:08.139
3 2	2	Jones, Kyle (11) - Milan	57.6	1:58.6	3:00.2	4:03.9	5:08.586
2 4	4	Burtwell, Darrin (11) - Claw.	56.9	1:59.6	3:02.8	4:06.1	5:08.729
1 4	4	Cameron, Steve (11) - Alma	58.1	2:00.6	3:04.5	4:08.9	5:13.384
3 4	4	Leonard, Jeff (11) - Milan	56.2	1:57.5	3:02.1	4:08.0	5:14.037
2 2	2	Schaut, William (11) - W.Cath.	56.4	1:59.5	3:04.9	4:12.0	5:16.358
4 5	5	Hurt, Rick (11) - Riv.Comm.	58.4	2:02.0	3:06.2	4:11.9	5:17.368
2 6	6	Archambault, Jeff (12) - Fen.	58.6	2:03.1	3:09.0	4:14.4	5:17.460
2 1	1	Delikta, Neal (12) - W.V.	58.7	2:02.7	3:08.2	4:13.6	5:17.955
2 3	3	Callaghan, Sean (10) - Grand.	57.1	2:01.0	3:06.5	4:13.2	5:18.070
4 6	6	Schmidt, Chris (11) - Utica	59.1	2:02.8	3:08.3	4:14.1	5:19.932
5 5	5	Neeusen, Greg (11) - Grandv.	58.7	2:03.8	3:09.2	4:15.8	5:20.478
2 5	5	Larson, Mike (9) - Clarence.	57.2	2:00.7	3:06.5	4:13.8	5:20.663
1 5	5	Edison, Chris (9) - Alma	59.2	2:04.2	3:10.3	4:16.4	5:21.782
3 1	1	Brown, Douglas (9) - Dundee	58.2	2:02.8	3:09.0	4:16.0	5:22.498
1 3	3	Read, Sean (12) - Riverside	1:00.5	2:05.4	3:11.9	4:19.2	5:26.398
1 2	2	Oppel, Sherry (10) - Gwinn	1:00.8	2:07.8	3:15.5	4:22.5	5:28.709
1 1	1	Fifield, Steve (11) - Utica	59.1	2:06.1	3:13.7	4:22.5	5:29.335

* New State Record

EVENT 9 -- 100 YARDS BACKSTROKE

State Record -- Jay Alt, East Grand Rapids, 1976, :53.09

Heat	Lane	Name, Grade, School	Seed Time	50	100
F 3	4 3	Dakin, Jerry (12) - Milan	55.3	25.6	54.270
				26.0	54.298
F 4	3 3	Walker, Randy (11) - Fenton	56.1	26.4	55.937
				26.6	56.421
F 2	2 3	Slocum, Tom (12) - Fremont	56.3	26.9	56.489
				27.0	57.676
F 5	3 4	Farini, Joe (11) - East Grand Rapids	58.4	27.0	58.008
				27.1	57.740
F 6	4 5	Przymus, Dean (11) - Riverside	59.1	27.7	58.732
				27.4	58.160
F 1	4 4	Cooper, Ken (9) - Holland West Ottawa	56.6	27.3	58.946
				26.5	58.086
C 3	2 4	Bazzell, Mark (12) - Dundee	58.5	27.5	58.123
				27.9	58.172
C 2	4 2	Blaine, Rodney (12) - Otsego	58.5	27.1	58.411
				26.8	59.352
C 4	3 2	Edgar, Andy (12) - Alma	58.6	28.5	59.370
				28.3	59.258
C 5	2 2	Coeling, Michael (12) - Hudsonville	59.0	27.2	59.830
				27.6	59.819
C 6	2 1	Conklin, Richard (10) - East Grand Rapids	1:01.0	28.6	59.933
				29.0	1:00.606
C 1	3 6	Harpstead, Phil (12) - Okemos	1:01.6	29.9	1:02.460
				28.8	1:00.447
4 6	4 1	Lega, Chris (11) - Warren Woods	1:01.3	28.9	1:00.617
				28.2	1:01.089
1 2	3 5	Krajewski, Anthony (12) - DeLaSalle	1:00.5	28.2	1:01.089
		Buursma, Dennis (12) - Holland Christian	1:01.8	28.9	1:01.241
		Van Duren, Curt (10) - Holland West Ottawa	59.3	28.4	1:01.287
2 6	2 5	Ammon, Dale (9) - Fenton	1:01.7	29.0	1:02.496
		Zadalis, Tim (12) - Gwinn	1:00.2	29.9	1:02.744
3 1	1 3	Eldridge, Greg (12) - Corunna	1:00.6	29.2	1:03.058
		Knowles, Richard (10) - Dundee	1:01.8	30.0	1:03.276
1 3	1 1	Tyl, Craig (12) - Cherry Hill	1:01.9	28.9	1:03.591
		Morren, Mike (11) - Grandville	1:01.9	30.5	1:03.810
1 6	1 5	Shaffer, Karl (12) - Utica	1:01.8	29.9	1:03.891
		Armstrong, Tom (12) - Rockford	1:01.8	29.9	1:03.946

EVENT 10 -- 100 YARDS BREASTSTROKE

State Record -- Robert Lundquist, East Grand Rapids, 1977, 1:01.451

Heat		Seed		
Lane	Name, Grade, School	Time	50	100
F 4	Lundquist, Robert (11) - E.Gr.Rapids	1:02.5	28.9	1:01.451*
8 3			29.4	1:02.403
F 3	Hessburg, Tom (12) - Austin	1:02.8	29.0	1:02.592
7 3			28.8	1:02.124
F 2	Murphy, Gary (12) - Fenton	1:04.5	29.8	1:03.737
6 3			30.1	1:04.192
F 1	Godfrey, Craig (10) - Alma	1:05.3	30.4	1:05.334
6 4			30.2	1:04.684
F 5	Zebrowski, Paul (12) - DeLa Salle	1:05.8	30.5	1:05.571
7 2			29.7	1:04.543
F 6	Hayden, Doug (9) - Okemos	1:06.3	30.9	1:05.834
6 5			30.6	1:04.839
C 3	Malsh, Tom (12) - Utica	1:06.3	30.5	1:04.966
7 5			30.6	1:05.047
C 4	Clarke, Kent (10) - Warren Woods	1:05.3	30.8	1:05.562
7 4			30.6	1:05.149
C 6	Cotter, Mark (12) - Cherry Hill	1:06.6	30.4	1:05.619
7 1			30.6	1:06.239
C 2	Wright, Glenn (12) - East Grand Rapids	1:05.4	30.5	1:05.774
8 2			30.4	1:05.275
C 5	Boynton, John (11) - West Catholic	1:06.9	31.2	1:06.620
6 1			30.4	1:05.964
C 1	Hameline, Jim (12) - Fenton	1:05.9	31.4	1:07.401
6 2			30.6	1:06.120
5 5	Todd, Jeff () - Southgate Schafer	1:07.8	31.1	1:06.244
8 4	Roth, Tom () - Fremont	1:05.2	31.0	1:06.608
8 5	Parker, Perry (12) - Holt	1:06.0	31.6	1:06.993
5 3	Kruse, Terry (12) - University of Detroit	1:07.6	31.4	1:07.276
5 6	Forslund, Charles (11) - E.Gr.Rapids	1:08.0	31.2	1:07.506
8 6	Banas, David (11) - Corunna	1:07.2	31.1	1:07.538
6 6	Shankie, Kirk (10) - Warren Woods	1:07.3	31.9	1:07.540
2 6	Hoxie, John (10) - Warren Woods	1:08.7	31.6	1:07.551
4 4	Idoni, Chris (9) - Fenton	1:08.1	30.7	1:07.758
4 3	Solovey, Greg (12) - Cherry Hill	1:08.0	31.9	1:07.785
8 1	Wright, Tim (12) - Erie Mason	1:06.6	31.0	1:07.904
5 2	La Sarge, Paul (12) - Grandville	1:07.7	31.3	1:07.969
7 6	Fendt, Mike (11) - Grandville	1:07.3	31.1	1:08.114
3 5	Okonski, Steve () - South.Schafer	1:08.5	32.2	1:08.344
2 2	Backus, Bill (11) - Dewitt	1:08.6	31.0	1:08.347
5 1	Meisner, Dan (11) - Erie Mason	1:07.9	30.8	1:08.679
4 6	Chapman, Aaron (11) - Otsego	1:08.3	31.6	1:08.723
4 2	Lounds, Rod (10) - St. Johns	1:08.3	31.6	1:08.743
3 6	Bennett, William (12) - E.G.R.	1:08.6	31.6	1:08.774

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EVENT 10 -- 100 YARDS BREASTSTROKE Continued

Heat			Seed		
Lane	Name, Grade, School		Time	50	100
3 4	Pohlman, Dan (10) - Alma		1:08.4	32.0	1:08.779
4 1	Erickson, Michael (12) - Wyoming Rogers		1:08.3	32.0	1:08.847
4 5	Franks, David (11) - Sturgis		1:08.3		1:09.014
3 1	Oja, Craig (12) - Rudyard		1:08.5	31.4	1:09.025
2 5	Castle, Craig (12) - Fenton		1:08.7	32.2	1:09.188
1 4	Sloyer, David (9) - South Haven		1:08.8	32.8	1:09.270
5 4	Tabacco, Vince (12) - Clarenceville		1:07.6	31.7	1:09.314
3 2	Carrier, Brad (12) - Jenison		1:08.4	32.6	1:09.386
3 3	Fiester, Bryan (12) - Gwinn		1:08.3	31.9	1:09.639
1 2	DeBoer, Scott () - Northview		1:08.8	32.1	1:09.682
2 3	Chun, Peter (10) - Willow Run		1:08.6	32.5	1:10.654
2 4	Young, John (11) - Rockford		1:08.6	32.7	1:11.226
1 3	Graff, Jim (12) - Gr.Rapids Cath.Central		1:08.8	33.1	1:11.844
Scr.	Perry, Dave (11) - DeLa Salle		1:08.7		

EVENT 11 -- 400 YARDS FREESTYLE RELAY

State Record -- Holland West Ottawa (Mike Murphy, Jeff Reest, Pat Melis, Dave Beckman), 1976, 3:18.18

Heat		Seed				
Lane	Name, Grade, School	Time	100	200	300	400
F 3	Inkster Cherry Hill	3:25.0	50.7	1:40.4	2:29.4	3:18.405
4 3			51.3	1:40.5	2:30.4	3:20.251
F 4	East Grand Rapids	3:20.5	50.5	1:41.1	2:30.4	3:21.085
6 3			50.9	1:42.1	2:32.0	3:21.519
F 1	Riverview Community	3:26.8	52.9	1:45.3	2:35.0	3:23.296
5 4			53.6	1:46.4	2:36.8	3:25.537
F 2	Milan	3:28.0	51.6	1:43.3	2:34.6	3:23.933
6 2			51.5	1:42.6	2:35.0	3:24.610
F 5	Grandville	3:25.0	49.4	1:42.6	2:34.4	3:25.714
6 4			49.4	1:41.8	2:34.1	3:25.077
F 6	Oakemos	3:32.2	52.3	1:44.5	2:36.5	3:26.760
4 2			52.4	1:45.0	2:36.5	3:26.807
C 4	Holland West Ottawa	3:23.7	52.4	1:44.7	2:34.3	3:22.672
5 3			53.6	1:48.0	2:38.2	3:27.276
C 2	Dearborn Heights Riverside	3:32.8	52.9	1:45.3	2:37.5	3:27.649
6 5			52.9	1:45.3	2:37.7	3:28.101
C 6	Utica	3:30.4	53.1	1:45.5	2:36.4	3:28.507
5 2			53.1	1:45.9	2:39.1	3:31.729
C 3	Fenton	3:26.8	52.3	1:46.7	2:37.4	3:29.161
4 4			52.1	1:44.9	2:35.7	3:27.128
C 5	Flint Ainsworth	3:35.9	51.9	1:47.1	2:38.5	3:29.536
5 6			52.9	1:47.4	2:39.2	3:30.542
C 1	Livonia Clarenceville	3:34.8	52.9	1:47.0	2:42.5	3:34.519
5 1			51.5	1:45.7	2:40.6	3:31.637
3 3	Ypsilanti Willow Run	3:36.0	52.1	1:45.5	2:41.3	3:32.116
2 3	University of Detroit	3:37.7	56.1	1:50.4	2:44.4	3:33.067
6 1	Holt	3:34.0	53.8	1:46.7	2:39.7	3:34.295
5 5	Corunna	3:33.1	53.0	1:47.8	2:41.4	3:34.457
2 2	Erie-Mason	3:38.2	54.7	1:49.9	2:42.4	3:34.824
1 3	Holland Christian	3:38.6	56.1	1:51.1	2:43.8	3:35.391
1 4	Dundee	3:38.6	54.8	1:48.8	2:43.3	3:35.829
4 5	Alma	3:34.0	53.5	1:49.0	2:43.4	3:36.567
3 2	Hudsonville	3:37.1	56.6	1:51.6	2:46.1	3:36.732
3 4	Rockford	3:37.0	54.9	1:49.4	2:43.6	3:37.409
6 6	Jenison	3:35.8	55.4	1:49.5	2:43.6	3:37.493
1 2	Otsego	3:38.7	56.8	1:52.7	2:44.9	3:37.838
3 5	Albion	3:37.2	54.1	1:48.2	2:44.4	3:38.291
3 6	Saginaw Douglas MacArthur	3:37.7	53.6	1:48.5	2:43.9	3:38.765
2 6	Southgate	3:38.2	56.6	1:49.8	2:44.7	3:38.779
2 5	Grand Rapids West Catholic	3:38.2	54.7	1:50.0	2:47.0	3:39.517
4 1	Essexville Garber	3:35.5	56.4	1:50.8	2:46.9	3:40.146
3 1	South Haven	3:37.3	56.8	1:51.9	2:47.6	3:40.797
2 1	Ludington	3:38.2	54.3	1:49.0	2:44.5	3:42.453
2 4	Detroit Austin	3:37.9	54.7	1:50.1	2:48.0	3:47.285
4 6	(Disqualified) Eisenhower	3:36.0	57.0	1:51.9	2:48.8	3:42.609

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This not only helps in tracking expenses but also ensures compliance with tax regulations.

In the second section, the author outlines the process of reconciling bank statements with the company's ledger. This involves comparing the bank's records of deposits and withdrawals against the internal accounting records to identify any discrepancies.

The third section covers the preparation of financial statements, including the balance sheet, income statement, and cash flow statement. It provides a step-by-step guide on how to calculate each component and how they relate to each other.

Finally, the document concludes with a summary of key points and a reminder to review all financial data regularly to ensure the accuracy and integrity of the company's financial records.