

Walnut Middle School
1999-2007 Iowa Test of Basic Skills (ITBS) Mathematics Results
 By Normal Curve Equivalent (NCE) and Percentile Scores

ITBS Testing Process

The Iowa Test of Basic Skills (ITBS) and Iowa Test of Educational Development (ITED) were administered in February 2007 to all GIPS students in grades 3-9 and 11. These national norm-referenced achievement tests have been given for the past nine years, with a switch to Form A in the 2003-04 school year to better accommodate special needs students. The ITBS/ITED results are reported by grade level in four areas: Reading, Language, Mathematics, and Core (the composite of the three subtests). The 2006-07 group results include 4,406 GIPS students within the eight grade levels (3-9 & 11). An additional 53 students (18 at ES; 31 at MS; and 4 at HS) were tested, but not included in the group results because they enrolled after January 1, 2007. Only 36 (less than one percent) of eligible students were not tested, with 23 students absent during the testing period and 32 students who did not test for various other reasons.

	Number of Students								Math Concepts & Estimation								Math Problem Solving & Data								Mathematics Total								Math Computation							
	06-07	05-06	04-05	03-04	02-03	01-02	00-01	99-00	06-07	05-06	04-05	03-04	02-03	01-02	00-01	99-00	06-07	05-06	04-05	03-04	02-03	01-02	00-01	99-00	06-07	05-06	04-05	03-04	02-03	01-02	00-01	99-00	06-07	05-06	04-05	03-04	02-03	01-02	00-01	99-00
6th Grade (Actual NCE)								55	53	50	47	44	47			52	51	49	48	49	48			53	51	49	47	47	47			49	42	43	46	46	43			
6th Grade (Actual %ile)	280	240	256	251	254	254		60	55	49	44	39	46			54	51	49	46	49	49			56	53	49	45	45	48			49	35	37	42	43	39			
6th Grade (Predicted %ile)								53	51	50						55	53	52						54	52	51	50	49	54			52	50	50						
6th Grade (Difference)								7	4	-1						-1	-2	-3						2	1	-2	-5	-4	-6			-3	-15	-13						
7th Grade (Actual NCE)								51	50	48	47	45	45			54	53	52	51	49	46			53	52	50	49	47	45			45	45	43	45	45	47			
7th Grade (Actual %ile)	227	256	234	248	261	226		52	51	46	44	41	42			57	56	54	52	47	45			55	54	50	49	44	44			40	40	37	40	41	46			
7th Grade (Predicted %ile)								52	51	51						52	52	52						52	51	51	51	46	50			50	49	49						
7th Grade (Difference)								0	0	-5						5	4	2						3	3	-1	-2	-2	-6			-10	-9	-12						
8th Grade (Actual NCE)								49	50	48	49	49	52	47	45	52	53	51	52	50	49	47	45	51	52	50	51	49	51	49	44	32	43	40	47	47	49	43	39	
8th Grade (Actual %ile)	258	234	259	259	236	237	189	210	48	50	46	49	47	54	44	41	55	55	53	53	49	50	47	43	52	54	50	52	49	53	46	42	20	38	32	44	44	50	38	33
8th Grade (Predicted %ile)									53	54							52	53	50						53	54	50	50	49	48	44	41	36	53	50					
8th Grade (Difference)									-5	-4	46						3	2	3						-1	0	0	2	0	5	2	1	-16	-15	-18					
Schoolwide (Actual NCE)	765	730	749	758	751	717	189	210	51.8	51.0	48.7	47.7	45.9	48.3	46.7	44.7	52.6	52.3	50.6	50.3	49.3	47.7	47.1	44.8	52.3	51.7	49.7	49.0	47.6	47.6	48.9	44.3	42.1	43.4	42.0	46.0	46.0	46.5	42.7	39.4
Schoolwide (Actual %ile)									56.1	51.9	47.6	45.7	42.3	46.8	43.8	40.1	55.5	54.4	51.2	50.6	48.6	45.7	44.6	40.3	55.7	53.3	49.5	48.2	45.5	45.5	48.0	39.4	44.8	37.7	35.2	42.5	42.5	43.4	36.5	30.8

These results are reported by mean normal curve equivalent (NCE) and mean percentile (%ile) scores.

Summary Analysis