

Westridge 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)								65	63	61	66	57	60			62	59	55	64	60	61			63	60	57	65	59	61			62	59	58	61	55	58			
6th Grade (Actual %ile)	72	76	92	89	96	86		76	73	70	77	64	69			72	67	60	74	68	69			74	69	64	76	66	70			71	66	65	69	59	64			
6th Grade (Predicted %ile)								68	62	64	73					67	62	64	71					67	61	64	72	65	75			63	59	61	67					
6th Grade (Difference)								8	11	6	4					5	5	-4	3					7	8	0	4	1	-5			8	7	4	2					
7th Grade (Actual NCE)								60	57	62	58	58	56			62	61	64	64	60	58			61	59	63	62	59	57			54	55	59	58	61	71			
7th Grade (Actual %ile)	77	101	99	94	90	95		68	63	72	65	65	61			71	69	75	75	68	65			70	67	74	71	67	65			57	60	67	65	71	82			
7th Grade (Predicted %ile)								65	58	70	66					64	58	68	64					64	58	68	65	65	64			60	55	64	60					
7th Grade (Difference)								3	5	2	-1					7	11	7	11					6	9	6	6	2	1			-3	5	3	5					
8th Grade (Actual NCE)								58	65	65	61	56	63	65	63	62	65	67	64	55	62	61	60	61	65	67	63	55	63	63	60	38	58	60	62	60	70	70	50	
8th Grade (Actual %ile)	98	100	88	82	97	101	76	103	66	76	77	70	60	71	74	71	71	76	79	74	59	68	68	66	70	77	79	73	60	71	72	69	28	64	68	71	68	81	81	52
8th Grade (Predicted %ile)									66	72	73	71					64	69	70	68					66	71	73	70	61	65	67	67	38	65	66	64				
8th Grade (Difference)									0	4	4	-1					7	7	9	6					4	6	6	3					-10	-1	2	7				
Schoolwide (Actual NCE)	247	277	279	265	283	282	76	103	60.7	61.5	62.6	61.6	57.0	59.8	64.7	62.7	62.0	61.9	62.0	64.0	58.3	60.3	61.3	60.0	61.6	61.4	62.3	63.3	57.6	60.5	63.4	60.0	50.0	57.2	59.0	60.2	58.6	66.6	69.9	50.2
Schoolwide (Actual %ile)									69.5	70.8	72.5	70.9	63.1	67.9	75.8	72.7	71.6	71.4	71.6	74.7	65.4	68.8	70.5	68.3	70.9	70.6	72.1	73.6	64.1	69.1	73.8	68.3	50.0	63.4	66.6	68.6	65.9	78.5	82.8	50.4

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

Summary Analysis