

Secondary Math Pilot - Fall 2009
Assessment Information

Course	Unit Name & Type of Assessment	Length of Pilot (50 minute periods)		Instructional Time spent on Assessment Topics (50 minute periods)	
		DISC	HOLT	DISC	HOLT
IMT3	Growing, Growing, Growing (exponential models) Quiz on Pilot Material	18	16	11	9
IAG1	Linear Models Modified Unit Assessment	21	20	13	11
HIAG2	Linear Systems Unit Assessment	6	6	6	6
HIAG2	Power Models (quadratic functions & equations) Modified Unit Assessment	20	21	12	17
HIAT3	Shapes and Geometric Reasoning (triangles, quadrilaterals & proof) Unit Assessment	22	22	22	22

Notes:

The materials were assessed using the same questions over content that was common to both programs. Most of the items came from district unit tests. In a few cases, where the approach taken by our current curriculum differed substantially from the pilot materials, we wrote or revised items. The mathematical vocabulary and symbols used matched what students encountered in the pilot materials.

Secondary Mathematics Materials Pilot

Overall Statistics

	Discovering	Holt
Student Participants	2449	2349
Number of Assessments	2317	1983
Student Surveys Collected	1475	1166
Parent Surveys Collected	749	695
Parents Materials Review Surveys	19	20
Number of Teachers Piloting each Program (27 teachers piloted both)	38	36

Student Participants

Unit	Median Grade Level	Pilot Date	Discovering	Holt	Total
IMT 3 Shapes of Algebra	8	Spring 2009	352	291	643
IMT 3 Growing, Growing, Growing	8	Fall 2009	327	311	638
IAG 1 Linear Models	9	Fall 2009	71	93	164
HIAG 2 Linear Systems	9	Fall 2009	405	527	932
HIAG 2 Power Models	9	Fall 2009	489	397	886
HIAT 3 Logarithmic Functions & Data Models	10	Spring 2009	307	277	584
HIAT 3 Shapes & Geometric Reasoning	10	Fall 2009	498	453	951
Totals			2449	2349	4798

Pilot Assessments

Unit	Discovering	Holt	Total
IMT 3 Shapes of Algebra	352	291	643
IMT 3 Growing, Growing, Growing	314	155	469
IAG 1 Linear Models	69	93	162
HIAG 2 Linear Systems	385	506	891
HIAG 2 Power Models	461	382	843
HIAT 3 Logarithmic Functions & Data Models	254	119	373
HIAT 3 Shapes & Geometric Reasoning	482	437	919
Totals	2317	1983	4300