

SECONDARY MATH PILOT TEACHER SURVEY

Explanation of the Teacher Survey Data Collection and Reporting

(added 3/3/2010 per request of Adoption Committee 2/25/2010)

The Pilot Teacher Survey for spring 2009 and the fall 2009 version used the same questions with a different rating scale for some items. The spring survey rating scale asked teachers to compare the pilot curriculum to the Core Plus program. The fall survey contained a revised scale that asked teachers to rate materials on these questions on a scale of Excellent --- Acceptable --- Weak.

For questions where the rating scale did not change, the data from all 72 teacher surveys was included in the analysis and is noted (N = 72 Spring & Fall Data). For questions where the scale changed, only the fall data is included and that is noted as Teacher Pilot Survey Data (collected Fall 2009 – N = 54).

In a couple of cases, spring teachers did not fill out their survey until fall and their data is included in the analysis of all questions. Schools whose Teacher Survey data is only partially reported are marked with * in the table below.

Unit	Pilot Date	Discovering Pilot Schools	Holt Pilot Schools
IMT 3 Shapes of Algebra	Spring 2009	CMS*, Tillicum, HMS*, RW*	Tyee*, OMS*
IMT 3 Growing, Growing, Growing	Fall 2009	Tyee, OMS, IS	CMS, Tillicum, HMS, RW
IAG 1 Linear Models	Fall 2009	BHS, SHS	IHS, SHS
HIAG 2 Linear Systems	Fall 2009	BHS, NHS, SHS, HMS	BHS, IHS, NHS, SHS, Tyee, OMS, RW
HIAG 2 Power Models	Fall 2009	IHS, NHS, SHS, Tyee, OMS, RW	BHS, NHS, SHS, HMS
HIAT 3 Logarithmic Functions & Data Models	Spring 2009	BHS*, IHS, NHS*, SHS*, IS, RW*	BHS*, IHS*, NHS*, SHS*
HIAT 3 Shapes & Geometric Reasoning	Fall 2009	BHS, IHS, NHS, SHS,	BHS, IHS, NHS, SHS, IS, RW

Overall Rating

Teacher Pilot Survey Data (collected Fall 2009 - N= 54)

Overall, the program provides a rigorous, powerful mathematics education for all children.

Distribution of Ratings

OR 1	Rating				
Pilot Program	5 - Excellent	4	3 - Acceptable	2	1 - Weak
Discovering	13%	57%	17%	13%	0%
Holt	16%	16%	36%	16%	16%

Overall Average Rating with School Breakouts

Average of OR 1	Pilot Program	
School	Discovering	Holt
BHS	3.8	3.5
Chinook		4.0
Highland	4.0	2.5
IHS	3.7	3.8
International	2.5	2.5
NHS	4.2	2.0
Odle	3.5	2.0
Robinswood	4.0	3.0
SHS	2.3	5.0
Tillicum	4.0	
Tyee	4.7	1.0
Average Rating	3.7	3.0

High Schools

OR 1	School						Average Rating
Pilot Program	Bellevue	Interlake	International	Newport	Robinswood	Sammamish	
Discovering	3.8	3.7	2.5	4.2	4.0	2.3	3.6
Holt	3.5	3.8	2.5	2.0	3.0	5.0	3.2

Middle Schools

OR 1	School					Average Rating
Pilot Program	Chinook	Highland	Odle	Tillicum	Tyee	
Discovering		4.0	3.5	4.0	4.7	4.1
Holt	4.0	2.5	2.0		1.0	2.4

Overall Rating (continued)

Overall, the program provides a rigorous, powerful mathematics education for all children.

Algebra & Geometry Breakout (added 3/3/2010 per request of Adoption Committee 2/25/2010)

Algebra Units (Fall Pilot Segments)

Program ...	Discovering		Holt	
	Average Rating	# Teachers	Average Rating	# Teachers
Pilot Unit				
Growing, Growing, Growing (IMT 3)	3.8	4	3.3	3
Linear Models (IAG 1)	3.0	1	3.0	1
Linear Systems (HIAG 2)	3.8	6	3.0	9
Quadratic Models (HIAG 2)	3.9	8	2.7	6
All Algebra Units	3.8	19	2.9	19

Geometry Unit (Fall Pilot Segment)

Program ...	Discovering		Holt	
	Average Rating	# Teachers	Average Rating	# Teachers
Pilot Unit				
Shapes & Geometric Reasoning (HIAT 3)	3.9	7	3.2	5
Geometry Unit	3.9	7	3.2	5

Instructional Balance

Teacher Pilot Survey Data (collected Fall 2009 - N= 54)

Scale: 5 – excellent 3 – acceptable 1 – weak

Materials develop the acquisition of the three major parts of a balanced mathematics program: concepts, procedural skills and problem solving ability.

IB 1	Pilot Program	
School	Discovering	Holt
Bellevue	4.0	3.0
Chinook		4.0
Highland	4.0	2.5
Interlake	4.0	3.0
International	3.5	2.5
Newport	4.1	2.3
Odle	3.5	2.0
Robinswood	3.0	2.7
Sammamish	2.3	5.0
Tillicum	4.0	
Tyee	4.7	1.0
Average Rating	3.8	2.9

Materials develop fluency (e.g. efficiency, accuracy and flexibility) with procedural skills.

IB 2	Pilot Program	
School	Discovering	Holt
Bellevue	3.8	4.0
Chinook		4.0
Highland	5.0	2.5
Interlake	3.0	4.0
International	2.5	4.5
Newport	4.2	2.8
Odle	3.5	2.0
Robinswood	4.0	3.7
Sammamish	1.8	5.0
Tillicum	3.0	
Tyee	4.0	2.0
Average Rating	3.5	3.6

Materials help students learn algorithmic procedures but do not focus exclusively on algorithms.

IB 3	Pilot Program	
School	Discovering	Holt
Bellevue	4.0	2.5
Chinook		3.0
Highland	4.0	2.0
Interlake	3.3	3.5
International	3.0	4.0
Newport	4.6	3.0
Odle	4.0	2.0
Robinswood	4.0	3.0
Sammamish	2.8	4.3
Tillicum	5.0	
Tyee	5.0	1.0
Average Rating	4.0	3.1

Concepts are developed in a logical order and increase in depth and complexity during the unit

IB 4	Pilot Program	
School	Discovering	Holt
Bellevue	3.5	3.5
Chinook		4.0
Highland	5.0	3.5
Interlake	4.0	3.8
International	3.5	3.0
Newport	4.6	3.0
Odle	3.5	3.0
Robinswood	4.0	3.0
Sammamish	1.8	5.0
Tillicum	4.0	
Tyee	4.7	4.0
Average Rating	3.8	3.5

Instructional Balance (continued)

Teacher Pilot Survey Data (collected Fall 2009 - N= 54)

Scale: 5 – excellent 3 – acceptable 1 – weak

Facility with procedural skills develops from a deep understanding of concepts rather than memorization			Problem solving (not solving algorithmic word problems) is an integral part of the acquisition of mathematical knowledge.		
IB 5	Pilot Program		IB 6	Pilot Program	
School	Discovering	Holt	School	Discovering	Holt
Bellevue	3.8	2.5	Bellevue	4.0	3.0
Chinook		3.0	Chinook		4.0
Highland	5.0	1.5	Highland	5.0	2.0
Interlake	3.3	2.8	Interlake	4.0	2.8
International	3.0	3.0	International	3.5	2.0
Newport	3.8	2.0	Newport	4.0	1.8
Odle	4.5	1.0	Odle	4.5	1.0
Robinswood	3.0	2.3	Robinswood	3.0	2.3
Sammamish	2.5	4.7	Sammamish	3.3	5.0
Tillicum	4.0		Tillicum	4.0	
Tyee	4.7	1.0	Tyee	4.7	1.0
Average Rating	3.7	2.5	Average Rating	4.0	2.6

Instructional Balance broken out by Algebra & Geometry Units (added 3/3/2010 per request of Adoption Committee 2/25/2010)

	ALGEBRA		GEOMETRY	
	Disc	Holt	Disc	Holt
IB 1 Materials develop the acquisition of the three major parts of a balanced mathematics program: concepts, procedural skills and problem solving ability.	3.7	2.9	4.1	2.8
IB 2 Materials develop fluency (e.g. efficiency, accuracy and flexibility) with procedural skills.	3.4	3.5	4.1	3.4
IB 3 Materials help students learn algorithmic procedures but do not focus exclusively on algorithms.	4.0	2.8	4.1	3.6
IB 4 Concepts are developed in a logical order and increase in depth and complexity during the unit	3.9	3.6	3.9	3.2
IB 5 Facility with procedural skills develops from a deep understanding of concepts rather than memorization	3.5	2.3	4.1	3.2
IB 6 Problem solving (not solving algorithmic word problems) is an integral part of the acquisition of mathematical knowledge	4.0	2.6	4.3	2.6

Teacher Pilot Survey Data (collected Fall 2009 N= 54)

Scale: 5 – excellent 3 – acceptable 1 – weak

Instructional Balance broken out by Middle School & High School (added 3/3/2010 per request of Adoption Committee 2/25/2010)

	Middle School		High School	
	Disc	Holt	Disc	Holt
IB 1 Materials develop the acquisition of the three major parts of a balanced mathematics program: concepts, procedural skills and problem solving ability.	3.8	3.0	3.8	2.9
IB 2 Materials develop fluency (e.g. efficiency, accuracy and flexibility) with procedural skills.	3.3	3.3	3.7	3.5
IB 3 Materials help students learn algorithmic procedures but do not focus exclusively on algorithms.	4.3	3.0	4.0	3.0
IB 4 Concepts are developed in a logical order and increase in depth and complexity during the unit	3.5	3.3	4.0	3.6
IB 5 Facility with procedural skills develops from a deep understanding of concepts rather than memorization	3.8	2.3	3.7	2.6
IB 6 Problem solving (not solving algorithmic word problems) is an integral part of the acquisition of mathematical knowledge	4.3	3.3	4.0	2.5

Cognitive Demand Analysis

Teacher Pilot Survey Data (collected Spring & Fall 2009 - N = 72)

Item SE1 gave teachers a choice of the following 10 descriptors of mathematical tasks. They were asked to check each box where there was a significant amount of content (three or more occasions) where the mathematical tasks asked of students fell in each of the categories stated below. The task descriptors were paraphrased from the task analysis guide for cognitive demand (Stein & Smith, 1998, Mathematics Teaching in the Middle School, NCTM).

The percentages in the table below are the percentage of pilot teachers who checked each box for each program.

The materials used in the pilot contain mathematical tasks that...		Holt N = 33	Discovering N = 39
SE1A	involve repetition and rote memory.	79%	38%
SE1B	involve exact reproduction of previously seen material.	73%	41%
SE1C	are independent of underlying concepts.	18%	15%
SE1D	have little ambiguity about what needs to be done and how to do it.	79%	44%
SE1E	focus on producing correct answers rather than developing mathematical understanding.	48%	13%
SE1F	focus on the use of procedures to develop deeper levels of mathematical understanding.	61%	67%
SE1G	require students to make connections between multiple representations (visual diagrams, manipulatives, symbols, problem situations) to develop meaning.	45%	74%
SE1H	require students to use concepts that underlie procedures to complete tasks and develop understanding.	27%	62%
SE1I	require students to use broad general strategies and concepts rather than narrow algorithms.	33%	51%
SE1J	require students to access relevant knowledge and experiences and apply them appropriately to a mathematical task.	52%	62%

Instructional Strategies Supported by the Materials
 Teacher Pilot Survey Data (collected Spring & Fall 2009 - N = 72)

During the pilot I utilized the following instructional strategies...

Large Group Instruction (TM 8)

Program	Often	Sometimes	Seldom	Never
Discovering	36%	56%	8%	0%
Holt	76%	24%	0%	0%

Inquiry or Exploration Activities (TM 9)

Program	Often	Sometimes	Seldom	Never
Discovering	44%	49%	8%	0%
Holt	3%	47%	34%	16%

Cooperative Learning Activities (TM 10)

Program	Often	Sometimes	Seldom	Never
Discovering	31%	51%	8%	10%
Holt	15%	39%	24%	21%

Guided Practice (TM 11)

Program	Often	Sometimes	Seldom	Never
Discovering	38%	54%	8%	0%
Holt	73%	27%	0%	0%

Manipulatives & Simulations (with or without technology) (TM 12)

Program	Often	Sometimes	Seldom	Never
Discovering	21%	36%	26%	18%
Holt	6%	30%	15%	48%

Student Experience

Teacher Pilot Survey Data (collected Fall 2009 - N= 54)

Scale: 5 – excellent 3 – acceptable 1 – weak

Materials foster the development of rich mathematical conversation (i.e. math talk) in the classroom. Materials encourage students to expose their thinking and engage with one another in learning the mathematics.

SE 2	Pilot Program	
School	Discovering	Holt
Bellevue	3.8	2.5
Chinook		3.0
Highland	4.0	1.5
Interlake	4.0	3.5
International	3.0	3.0
Newport	3.7	1.7
Odle	3.0	1.0
Robinswood	3.0	2.3
Sammamish	2.3	5.0
Tillicum	4.0	
Tyee	4.7	1.0
Average Rating	3.5	2.6

The program is designed so students are active learners who are involved in investigating mathematical patterns in order to acquire new concepts.

SE 3	Pilot Program	
School	Discovering	Holt
Bellevue	3.5	2.0
Chinook		3.0
Highland		1.0
Interlake	4.0	2.0
International	3.0	1.5
Newport	4.0	1.5
Odle	3.0	1.0
Robinswood	3.0	2.3
Sammamish	2.8	4.0
Tillicum	4.0	
Tyee	4.7	1.0
Average Rating	3.7	2.0

Prerequisite skills and ideas are presented before the more complex topics that depend on them.

SE 4	Pilot Program	
School	Discovering	Holt
Bellevue	3.8	3.5
Chinook		4.0
Highland	5.0	4.0
Interlake	2.7	4.0
International	2.0	4.5
Newport	4.1	3.5
Odle	3.0	3.0
Robinswood	4.0	3.3
Sammamish	2.3	5.0
Tillicum	5.0	
Tyee	4.7	5.0
Average Rating	3.6	3.9

The program provides opportunities for student to summarize and self-assess their learning.

SE 5	Pilot Program	
School	Discovering	Holt
Bellevue	3.5	3.0
Chinook		4.0
Highland		2.5
Interlake	3.3	3.8
International	3.0	3.0
Newport	4.0	3.0
Odle	3.5	
Robinswood	3.0	3.0
Sammamish	2.5	5.0
Tillicum	5.0	
Tyee	4.0	3.0
Average Rating	3.6	3.4

Program Components

Teacher Pilot Survey Data (collected Fall 2009 - N= 54)

Scale: 5 – excellent 3 – acceptable 1 – weak

Materials are written at an appropriate level of rigor and address content well beyond a minimal level of competence.

PC 1	Pilot Program	
	Discovering	Holt
School		
Bellevue	3.5	3.5
Chinook		5.0
Highland	5.0	3.5
Interlake	3.7	4.0
International	3.0	2.5
Newport	4.1	2.3
Odle	3.5	2.0
Robinswood	4.0	3.3
Sammamish	1.8	5.0
Tillicum	4.0	
Tyee	4.7	1.0
Average Rating	3.6	3.3

Learning objectives specified in the materials are clear and measurable.

PC 2	Pilot Program	
	Discovering	Holt
School		
Bellevue	4.5	4.5
Chinook		4.0
Highland	5.0	3.5
Interlake	3.7	4.5
International	2.5	5.0
Newport	4.7	3.7
Odle	3.5	3.0
Robinswood	4.0	4.0
Sammamish	2.0	5.0
Tillicum	5.0	
Tyee	5.0	5.0
Average Rating	4.0	4.2

The text builds and supports mathematical vocabulary and develops the use of mathematical symbols.

PC 3	Pilot Program	
	Discovering	Holt
School		
Bellevue	4.3	4.5
Chinook		4.0
Highland	4.0	3.0
Interlake	3.7	4.3
International	3.0	5.0
Newport	4.3	3.3
Odle	3.0	4.0
Robinswood	5.0	4.3
Sammamish	2.8	5.0
Tillicum	4.0	
Tyee	4.3	4.0
Average Rating	3.9	4.1

Optional activities, advanced problems, discretionary activities, enrichment activities, and supplemental activities or examples are clearly identified and are easily accessible to teachers and students alike.

PC 4	Pilot Program	
	Discovering	Holt
School		
Bellevue	4.0	4.5
Chinook		5.0
Highland		3.0
Interlake	3.7	4.0
International	2.0	4.0
Newport	4.1	2.6
Odle	3.5	
Robinswood	4.0	3.0
Sammamish	2.3	5.0
Tillicum	5.0	
Tyee	4.0	5.0
Average Rating	3.6	3.7

Program Components (continued)

Teacher Pilot Survey Data (collected Fall 2009 - N= 54)

Scale: 5 – excellent 3 – acceptable 1 – weak

Support materials, such as computer programs and manipulatives, are clearly aligned with the instructional goals of the program.

PC 5	Pilot Program	
School	Discovering	Holt
Bellevue	3.5	4.0
Chinook		4.0
Highland		1.0
Interlake	3.0	4.3
International	2.0	4.0
Newport	4.1	4.7
Odle		3.0
Robinswood	4.0	3.5
Sammamish	3.0	5.0
Tillicum	5.0	
Tyee	5.0	5.0
Average Rating	3.8	4.1

Materials include tables of contents, indices and glossaries containing important information to make it easier for parents or others to help students.

PC 6	Pilot Program	
School	Discovering	Holt
Bellevue	4.0	4.5
Chinook		4.0
Highland	5.0	3.0
Interlake	3.0	4.5
International	3.5	5.0
Newport	4.6	4.0
Odle	4.0	4.0
Robinswood	4.0	3.5
Sammamish	2.0	5.0
Tillicum	5.0	
Tyee	5.0	5.0
Average Rating	3.9	4.3

Examples are available in the text

PC 7	Pilot Program	
School	Discovering	Holt
Bellevue	4.3	5.0
Chinook		5.0
Highland	4.0	5.0
Interlake	4.0	4.3
International	3.0	5.0
Newport	4.4	4.5
Odle	3.5	4.0
Robinswood	5.0	4.3
Sammamish	2.3	5.0
Tillicum	4.0	
Tyee	4.7	5.0
Average Rating	3.9	4.6

Both embedded (formative) assessments and summative assessments are available for teacher use.

AS 1	Pilot Program	
School	Discovering	Holt
Bellevue	3.8	3.5
Chinook		4.0
Highland		3.5
Interlake	2.3	3.5
International	2.5	3.0
Newport	4.4	3.2
Odle	3.5	2.0
Robinswood	4.0	3.0
Sammamish	3.0	5.0
Tillicum	4.0	
Tyee	4.0	5.0
Average Rating	3.6	3.6

Universal Access

School Demographic Data (based on population in regular education math classes) (Corrected 3/4/2010 to remove PRISM students from the count since they are enrolled in gifted math classes, not the regular program)

School	Total Students	ESL	ESL %	SpEd	SpEd %	Combined	Combined %
Bellevue HS	1,272	70	5.5%	82	6.4%	152	12%
Chinook MS	900	57	6.3%	40	4.4%	97	11%
Highland MS	457	76	16.6%	21	5%	97	21%
Interlake HS	1,225 1142	59	4.8% 5.2%	39	3.2% 3.4%	98	8% 9%
International	514	0	0.0%	35	6.8%	35	7%
Newport HS	1,606	8	0.5%	73	4.5%	81	5%
Odle MS	664 445	6	0.9% 1.3%	31	4.7% 7.0%	37	6% 8%
Robinswood	149	4	2.7%	8	5.4%	12	8%
Sammamish HS	881	108	12.3%	79	9.0%	187	21%
Tillicum MS	670	43	6.4%	43	6.4%	86	13%
Tyee MS	775	4	0.5%	39	5.0%	43	6%

School Demographic Data (amended 3/3/2010 to reflect whole school population)

School	Total Students	ESL %	Special Ed Resource %	Special Ed Centered %	Gifted %
Bellevue High School	1420	5.6%	8.5%	0.0%	0.0%
Chinook Middle School	1013	7.2%	8.4%	0.0%	0.0%
Highland Middle School	560	16.1%	8.0%	5.4%	0.0%
Interlake High School	1453	4.4%	5.3%	3.4%	12.6%
International	535	0.0%	6.9%	0.0%	0.0%
Newport High School	1747	0.5%	6.2%	1.0%	0.0%
Odle Middle School	715	0.8%	6.4%	1.7%	31.0%
Robinswood	283	2.5%	9.2%	7.8%	0.0%
Sammamish High School	1063	12.2%	12.8%	1.6%	0.0%
Tillicum Middle School	747	6.0%	8.3%	1.5%	0.0%
Tyee Middle School	836	0.7%	6.3%	1.8%	0.0%

Teacher Pilot Survey Data (collected Fall 2009 - N= 54)

Scale: 5 – excellent 3 – acceptable 1 – weak

Materials provide help for students who are below grade level, including different explanations, review, practice, guidance or other assistance.

Average of UA 1	Pilot Program	
School	Discovering	Holt
Bellevue	3.3	4.0
Chinook		3.0
Highland		3.5
Interlake	2.7	3.5
International	2.0	4.5
Newport	4.0	3.3
Odle	3.0	3.0
Robinswood	4.0	3.3
Sammamish	1.8	5.0
Tillicum	5.0	
Tyee	4.0	4.0
Average Rating	3.2	3.7

Materials provide help for students who are above grade level and need enrichment.

Average of UA 2	Pilot Program	
School	Discovering	Holt
Bellevue	3.5	3.0
Chinook		5.0
Highland		3.5
Interlake	2.7	3.5
International	3.0	3.0
Newport	3.5	2.8
Odle	4.5	2.0
Robinswood		3.0
Sammamish	2.3	5.0
Tillicum	5.0	
Tyee	4.0	2.0
Average Rating	3.4	3.3

Materials provide help for students who are English Language Learners.

Average of UA 3	Pilot Program	
School	Discovering	Holt
Bellevue	3.3	3.5
Chinook		4.0
Highland		2.5
Interlake	3.0	2.8
International	1.5	
Newport	3.8	3.5
Odle	4.0	
Robinswood	3.0	3.0
Sammamish	1.3	5.0
Tillicum	4.0	
Tyee	2.5	
Average Rating	2.9	3.4

Materials provide help for students who are absent from school so they can catch up with their peers.

Average of UA 4	Pilot Program	
School	Discovering	Holt
Bellevue	4.0	4.0
Chinook		4.0
Highland	5.0	3.5
Interlake	3.0	4.5
International	1.5	4.5
Newport	3.8	4.2
Odle	4.0	
Robinswood	4.0	3.7
Sammamish	1.8	5.0
Tillicum	5.0	
Tyee	4.7	5.0
Average Rating	3.5	4.3

The reading level of the materials is... (N = 72 Spring & Fall Data)

UA 5	Response			
Pilot Program	Too easy	Appropriate	Too difficult	Totals
Discovering	3%	90%	8%	100%
Holt	12%	79%	9%	100%

Teacher Materials

Teacher Pilot Survey Data (collected Fall 2009 - N= 54)

Scale: 5 – excellent 3 – acceptable 1 – weak

Teacher materials are accessible.

TM 1	Pilot Program	
School	Discovering	Holt
Bellevue	4.0	3.0
Chinook		5.0
Highland	5.0	2.0
Interlake	3.7	4.0
International	2.5	4.0
Newport	4.5	4.0
Odle	4.5	3.0
Robinswood	5.0	4.0
Sammamish	2.8	5.0
Tillicum	5.0	
Tyee	4.7	5.0
Average Rating	4.0	3.9

Teacher materials provide adequate background information about the lesson and/or the mathematics of the lesson.

TM 2	Pilot Program	
School	Discovering	Holt
Bellevue	4.3	4.0
Chinook		5.0
Highland	5.0	2.0
Interlake	3.0	3.8
International	3.0	2.0
Newport	4.4	3.4
Odle	4.5	3.0
Robinswood	5.0	3.3
Sammamish	3.0	5.0
Tillicum	4.0	
Tyee	5.0	5.0
Average Rating	4.1	3.7

Teacher materials contain lesson plans and suggestions for organizing and managing the classroom.

TM 3	Pilot Program	
School	Discovering	Holt
Bellevue	4.5	4.0
Chinook		4.0
Highland	5.0	2.0
Interlake	4.0	3.3
International	2.5	3.0
Newport	4.4	3.2
Odle	4.0	2.0
Robinswood	5.0	3.0
Sammamish	2.8	5.0
Tillicum	4.0	
Tyee	4.0	1.0
Average Rating	4.0	3.3

Teacher materials provide suggestions for differentiating instruction to meet the needs of different types of students.

TM 4	Pilot Program	
School	Discovering	Holt
Bellevue	3.3	2.5
Chinook		5.0
Highland	4.0	3.0
Interlake	2.7	3.7
International	2.0	3.0
Newport	3.5	2.6
Odle	3.0	2.0
Robinswood	5.0	2.7
Sammamish	2.3	5.0
Tillicum	3.0	
Tyee	3.7	2.0
Average Rating	3.1	3.2

Teacher Materials (continued)

Teacher Pilot Survey Data (collected Fall 2009 - N= 54)

Scale: 5 – excellent 3 – acceptable 1 – weak

The textbook, teacher materials and supplemental resources contain sufficient practice problems.

TM 5	Pilot Program	
	Discovering	Holt
School		
Bellevue	4.5	4.5
Chinook		5.0
Highland	4.0	5.0
Interlake	3.7	4.0
International	3.0	5.0
Newport	4.4	3.8
Odle	4.5	4.0
Robinswood	5.0	3.7
Sammamish	1.8	5.0
Tillicum	5.0	
Tyee	4.0	5.0
Average Rating	3.9	4.3

Teacher materials adequately explain or model any required manipulatives.

TM 13	Pilot Program	
	Discovering	Holt
School		
Bellevue	3.7	3.0
Chinook		3.0
Highland		1.0
Interlake	3.0	3.0
International	3.0	3.0
Newport	3.9	2.5
Odle	4.0	1.0
Robinswood	3.0	2.5
Sammamish	2.8	4.3
Tillicum	3.0	
Tyee	4.5	
Average Rating	3.5	2.8

Online materials were easy to access (N = 72 Spring & Fall Data)

TM 6	Pilot Program	
	Discovering	Holt
Yes	78%	68%
No	22%	32%
Total	100%	100%

Online materials are useful (N = 72 Spring & Fall Data)

TM 7	Pilot Program	
	Discovering	Holt
Often	52%	41%
Sometimes	37%	41%
Seldom	7%	7%
Never	4%	11%
Total	100%	100%

The quality of the investigations or explorations provided in the materials is...
(N = 72 Spring & Fall Data)

TM 14						
Pilot Program	Excellent	Acceptable	Weak	Unacceptable	None Available	Total
Discovering	21%	54%	18%	5%	3%	100%
Holt	6%	39%	21%	24%	9%	100%