

Harrison County Schools – Mathematics Curriculum Maps

FIRST GRADE – 2nd Nine Weeks							
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Electronic Curriculum Resources by Janet Benincosa, TI Specialist							
Big Ideas/Content	Obj.	Investigations		Scott Foresman	Performance Assessments * Required	Technology Resources	Vocabulary
		Booklet	Activity			techSteps What's the Weather? Classify Leaves	
Visualizing Numbers Count , compare, illustrate, and develop strategies to organize quantities to 20	1.1.1 1.1.3 1.1.11	Building Number Sense Investigation 1 Sessions 1-4	Counting quantities to 20 Developing strategies for counting and comparing, grouping,	Chapter 2 Chapter 3	Diagnostic checkpoints Observe students manipulating objects, counting back.	Odyssey 10100 10114 10120	compare number line
Visualizing numbers Strategies for exploring ways to arrange sets	1.2.3 1.3.6	Building Number Sense Investigation 1 Sessions 5-9	Using strategies for counting objects Comparing dots, making dot pictures, visual images, place objects to identify spatial positioning		Basic number facts recall, Identification of number patterns by 2's, 5's, 10's	Odyssey 10152	skip counting fact families
Building numbers in different ways	1.1.1	Building Number Sense Investigation 2 Sessions 1-4	Number combinations, Combining and comparing numbers	pp. 103-108	Observe students using number combinations	Odyssey 10100	number combinations comparing combining
Building numbers in different ways	1.1.12	Building Number Sense Investigation 2 Sessions 5-9	Number combinations, addition	pp. 91-94	Observe students using addition process	Odyssey 10120	addition plus equals sign
Counting Reading, writing and sequencing numbers to 100	1.1.2	Building Number Sense Investigation 3 Sessions 1-3	Introduce/explore format and patterns on 100's Chart. Writing and ordering numbers to 100	pp. 255-256	Students discuss the number chart identifying numbers and sequence, counting strips,		patterns ordering
Counting Explore patterns in the number sequence to 100	1.1.1 1.1.2	Building Number Sense Investigation 3 Sessions 4-7	Ordering numbers to 100; comparing capacity; finding the total of 2 quantities	pp. 245-246	Activities: Which Holds More, Ten Turns, Dialogue; What went wrong	Odyssey 10097	quantities capacity explore
Counting Using numerals to record how many	1.1.8	Building Number Sense Investigation 3 Sessions 8-9	Representing patterns; locating numbers on 100's chart; counting quantities to 100	pp.273	Clapping patterns, counting stories, students estimate and count	Odyssey 10100 10097 10130	locate counting quantities
Addition and Subtraction Visual combining and	1.1.11	Building Number Sense Investigation 4	Combining numbers; sharing/modeling recording	pp.95-98	Show strategies for solving combining and separating	Odyssey 10120	sharing modeling

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separating problem situations		Session 1	strategies		story problems		recording strategies
Addition and Subtraction Recording strategies for solving story problems	1.1.11 1.2.5	Building Number Sense Investigation 4 Session 2	Separating numbers; sharing/modeling recording strategies. Using related facts.	pp.125-130,137-142	Create their own story problems Dialogue ways to solve problems	Odyssey 10120 10138	separating sharing modeling recording strategies
Addition and Subtraction	1.1.11	Building Number Sense Investigation 4 Sessions 3-5	Practice with addition and subtraction processes; story problems	pp.99-100 pp.113-114, 117	Activities: Five in a row and story problems Write a story problem, illustrate, dialogue	Odyssey 10120	subtraction addition story problems
Addition and Subtraction	1.1.12 1.1.10	Building Number Sense Investigation 4 Session 6	Number combinations; adding 2 or more numbers	pp. 121-122	Diagnostic test	Odyssey 10120 10119 10123	number combinations adding
Addition and Subtraction	1.1.14	Building Number Sense Investigation 4 Sessions 7-9	Number combinations; addition/subtractions/recording story problems	pp. 131-134	Diagnostic checkpoint	Odyssey 10139	recording
Sorting Identifying and describing attributes of various materials	1.2.1	Survey Questions and Secret Rules Investigation 1 Sessions 1-2	Sorting shapes. Describe attributes of sorted shapes. Create a rule for a set of sorted blocks, guess the rule for sorting	Chapter 5 pp. 165-168	Dialogue what has been discovered during sorting process. Write attributes for sorting, correlation of shape to real world objects	Odyssey 10095 10152	sorting shapes attributes rule guess
Sorting Developing strategies to guess sorting rules.	1.3.1 1.3.6	Survey Questions and Secret Rules Investigation 1 Sessions 3-6	Sorting buttons and lids. Sort materials according to one attribute. Categorize data so others can guess sorting rule	Chapter 8 pp. 307-308	Dialogue and write what has been discovered during sorting process.	Odyssey 10139	category data
Survey Questions Gathering and recording data. Sorting and categorizing data	1.2.1	Survey Questions and Secret Rules Investigation 2 Sessions 1-4	Explain and interpret results. Presenting data to others.	Chapter 8 pp. 309,311,313	Explain representations of data. Make a plan for gathering data and recording it.	Odyssey 10139	gathering recording explain interpret
Survey questions	1.2.1	Survey Questions and Secret Rules Investigation 2 Sessions 5-6	Inventing representations of data, explaining, and interpreting results	Chapter 8 pp. 310,312,314	Dialoguing representation, explaining, and interpreting results	Odyssey 10159	results inventing
Birthdays Become familiar with calendar features	1.4.3	Survey Questions and Secret Rules Investigation 3-4 Sessions 1-3 Sessions 1-5	Identify calendar features, group data about birthdays. Sequence months, days of the week, gather data of ages and attendance	Chapter 6 pp.:225-228	Mark birthdays on a calendar, sequence months, days of the week. Collect data of students ages, attendance		calendar month / day sequence attendance / age