

Summative Assessment Mathematics Grade 3 Range Achievement Level Descriptors

What are Range Achievement Level Descriptors?

Range Achievement Level Descriptors (ALDs) demonstrate how skills described in the Nebraska College and Career Ready Standards for Mathematics likely change and become more sophisticated as ability and performance increases. The ALDs also describe the evidence needed to help infer where a student is along the range. This range is defined by Nebraska using three levels:

- Developing not yet demonstrating proficiency
- On Track demonstrating proficiency
- Advanced– demonstrating advanced proficiency

The ALDs help show the within-standard reasoning complexity that increases in sophistication as the achievement levels increase. Such skill advancement is often related to increases in content difficulty, increases in reasoning complexity, and a reduction in the supports required for students to demonstrate what they know within a task or item.

The Range ALDs provide a way to communicate a progression that is visible and usable to all stakeholders, while also providing a foundation for a robust bank of assessment items that meets the needs of all Nebraska students.

How were the Nebraska's Mathematics Range ALDs updated for the new standards?

Draft Range ALDs for the new standards were created and reviewed by panels comprised of Nebraska educators during Spring of 2023. The updated ALDs were shared with NDE and their feedback was applied.

How will Nebraska's ELA Range ALDs change in relation to the new standards?

The updated ALDs were revised to reflect the new standards. The updated ALDs will be taken to the 2023 Item Writing Workshop where they will be used to help facilitate item writing. Feedback will be recorded at the upcoming Item Writing Workshop from Nebraska educators based on their use of the ALDs for writing items and at the upcoming standard setting from panelists. This feedback will then be used to update the ALDs. The updated ALDs will be shared with NDE to obtain their final recommendations.

	Developing learners <u>do not yet demonstrate proficiency</u> in the knowledge and skills necessary at this grade level, as specified in the assessed Nebraska College and Career Ready Standards.	On Track learners <u>demonstrate proficiency</u> in the knowledge and skills necessary at this grade level, as specified in the assessed Nebraska College and Career Ready Standards.	Advanced Benchmark learn knowledge and skills necess assessed Nebraska Advance
	A developing learner	An on-track learner	An advanced learner
NUMBER: Students will solve problems and reason			
with number concepts using multiple representations,			
make connections within math and across disciplines,			
and communicate their ideas.			
3.N.1 Numeric Relationships: Students will			
demonstrate and represent multi-digit numbers using			
place value understanding.			
	Reads, writes, and demonstrates equivalent representations for whole	Determines the equivalent word form or visual representation for a whole	Analyzes representations of
	numbers up to 1,000 using objects or visual representations. DOK: 1	number from 1,000 up to 10,000 given the number in standard form	(e.g., explain whether or no
	Determines the place value of a digit in numbers between 1,000 and	(includes objects). (e.g., determine the word form of a number shown in base-ten blocks.) DOK: 1	Max DOK: 2
	10,000. DOK: 1	Determines the standard or word form for a whole number from 1,000 up	
	Determines how many tens, hundreds, or thousands are represented by a given number. (e.g., 20 hundreds is equivalent to 2 thousands). DOK: 1	to 10,000 given the expanded form/notation or a visual representation of the number (includes objects). DOK: 1	
	Determines the value of the missing digit for a whole number from 1,000 up to 10,000 given the incomplete expanded form/notation of the number (e.g., finds the value of the missing number in 5,000 + ? + 40 + 7 = 5,847). DOK: 1	Determines the expanded form/notation for a whole number from 1,000 up to 10,000 given the standard form or a visual representation of the number (includes objects). DOK: 1	
		Determines the standard form for a whole number from 1,000 up to 10,000 given the number in values of ones, tens, hundreds, or thousands. DOK: 1	
		Determines the expanded form/notation or a visual representation for a	
3.N.1.a Read, write, and demonstrate multiple	(Refer to 2.N.3.a and 2.M.3.b for numbers within the range of 0 - 1,000.)	whole number from 1,000 up to 10,000 given the word form of the number. DOK: 1	
equivalent representations for numbers up to 10,000 using objects or visual			
representations including standard form and expanded	Max DOK: 1	Max DOK: 1	
form.			
	Uses symbols to represent comparisons between two whole numbers	Uses symbols to represent comparisons of two whole numbers both being	Orders three or more whole
	when one value is less than 1,000 and one value is between 1,000 and 10,000. DOK: 1	between 1,000 and 10,000. DOK: 1	between 1,000 and 10,000
	Determines the least or greatest number given two or more numbers between 1,000 and 10,000. DOK: 1	Determines the number that is greater than a given number and less than another given number, both being between 1,000 and 10,000. (e.g., finds the number that is less than 1,569 and greater than 1,550.) DOK: 2	Max DOK: 1
	(Refer to 2.N.3.c for three-digit numbers.)	Analyzes comparisons between two numbers where at least one value is between 1,000 and 10,000 using	
	Max DOK: 1	number lines and reasoning strategies (e.g., explain why 780 is less than 1,040). DOK: 2	
3.N.1.b Represent and justify comparisons of whole			
numbers up to 10,000 using number lines and		Max DOK: 2	
reasoning strategies.			
3.N.2 Fractions: Students will develop understanding			
of fractions as numbers.			

rners <u>demonstrate advanced proficiency</u> in the essary at this grade level, as specified in the nced Standards.
of whole numbers between 1,000 and 10,000 not 6,000 + 400 + 1 represents 6,401). DOK: 2
ole numbers with at least one value being 0 (may or may not use symbols). DOK: 1

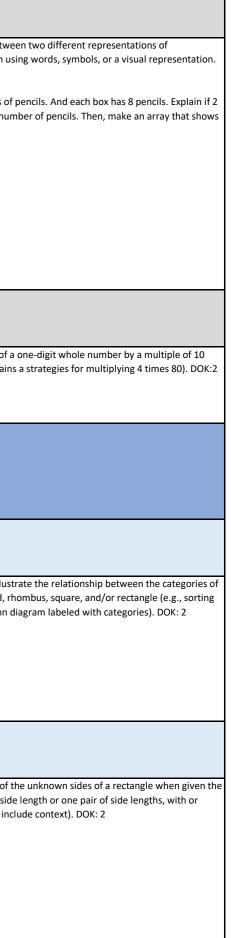
	1		1
	Determines the unit fraction that represents the area of each part of equally partitioned shapes. Area terminology is used. DOK: 1	Identifies the figure that is partitioned into equal parts of equal area (e.g., partition the figure so that each part has an area of 1/6 the area of the	Explains the steps involved area with or without a visua
	equally partitioned shapes. Area terminology is used. DON. 1	shape). DOK: 2	partitioned so that each pa
	Shapes are divided but not shaded. Denominators are limited to 2, 3, and 4.		recognize true statements a
	Max DOK: 1	The words half/halves, third(s), fourth(s), sixth(s) and eighth(s) etc. can be used to describe area.	Max DOK: 2
		Max DOK: 2	
3.N.2.a Partition two-dimensional figures into equal			
areas and express the area of each part as a unit			
fraction of the whole			
	Determines the parts of a whole given a visual representation and	Determines the parts of a whole given a visual representation and	Analyzes representations o
	represents the visual representation as a statement (e.g., 2 shaded sections of a circle with 3 equal sections). DOK: 1	represents the visual representation as a statement for partitions other than 2, 3, or 4 (e.g., 4 shaded sections of a circle with 10 equal sections). DOK: 1	representations (e.g.,explai meaning of the denominate
	Shapes should be divided into 2, 3, or 4 parts.		Max DOK: 2
	Max DOK: 1	Determines the fraction that represents the shaded part of a whole. DOK: 1	
		Determines the part of a whole that represents a fraction. (e.g. Draws a rectangle with 6 sections and shades 2 of them to represent 2/6.) DOK: 1	
3.N.2.b Find parts of a whole using visual fraction		Max DOK: 1	
models.			
	Determines the unit fraction represented by a point plotted on a number line with whole number values labeled and the scale of the number line	Determines the non-unit fraction represented by a point plotted on a number line with whole number values labeled and the scale of the	Determines the fraction rep with whole number values
	corresponds to the denominator of the fraction. DOK: 1	number line corresponds to the denominator of the fraction. DOK: 1	multiple or factor of the de
			(e.g., asking about 1/5 whe
	Plots unit fractions on a number line with whole number values labeled and the scale of the number line corresponds to the denominator. DOK: 1	labeled and the scale of the number line corresponds to the denominator.	is thirds). DOK: 2
	Max DOK: 1	DOK: 1	Plots a fraction on a numbe the scale of the number line
		Plots a fraction from 0 up to and including 1 on a number line when	DOK: 2
		partitions are not provided. DOK: 2	Explains the process for rep
		Max DOK: 2	words, numbers, or visual r
			Max DOK: 2
3.N.2.c Represent and understand a fraction as a			
number on a number line.			
	Determines a visual representation/model of an equivalent fraction when	Identifies an equivalent fraction given a visual representation/area model	Determines a visual represe
	given a visual representation/model of the fraction where the parts representing the numerator are adjacent. Includes number lines. DOK: 1	of the fraction representing part of a whole. Does not include number lines (Refer to 3.N.2.c). DOK: 1	representing the numerato
	Ex: Given a square with 2/4 shaded, determine a visual model of the same	Determines an equivalent fraction given a visual representation/model of a	Explains or justifies the rela
	size that also has 2/4 shaded. The shading should be in adjacent parts for the original square and adjacent parts for the new model.	fraction representing part of a set or whole. Does not include number lines (Refer to 3.N.2.c)). DOK: 2	denominators of equivalent representations. DOK: 2
	Max DOK: 1	Determines the fraction represented by a point plotted on a number line	Ex: The fraction 1/2 is equiv
		with all tick marks for whole numbers and all tick marks for fractions labeled, the scale of the number line is a multiple or factor of the	(4/?). What is the denomination of the denomin
		denominator (e.g., asking about 1/5 when scale is tenths and the point is	Max DOK: 2
		labeled as 1/5 or asking about 4/6 when the scale is thirds and the point is labeled 2/3). DOK: 1	
		Determines an equivalent fraction given one or more number lines. Each	
		number line has a scale that is a multiple or factor of the denominator (e.g.,	
		given one number line marked in thirds and another number line marked in sixths, determine that 1/3 and 2/6 are equivalent) DOK: 1	
		Determines an equivalent visual representation of a given fraction. Does	
3.N.2.d Show and identify equivalent fractions using		not include number lines. (Refer to 3.N.2.c). DOK: 2	
visual representations including pictures,		Max DOK: 2	
manipulatives, and number lines.			

ed in partitioning a shape into equal parts of equal sual (e.g., describe how a square can be
part has an area of 1/4 the area of the shape and
s about how the shape is partitioned). DOK: 2
of parts of a whole as fractions or visual
lains the meaning of the numerator and the ator). DOK: 2
epresented by a point plotted on a number line
s labeled and the scale of the number line is a
denominator but the fraction itself is not labeled nen scale is tenths or asking about 4/6 when scale
ber line with whole number values labeled when
ine is a multiple or factor of the denominator.
epresenting fractions on a number line using
l representations. DOK: 2
esentation/model of an equivalent fraction when tion/area model of the fraction where parts
tor are not adjacent DOK: 2
elationships between the numerators or
ent fractions, using words, symbols, or visual
vivalent to another fraction with a numerator of 4
inator of that fraction? Justify your answer.

	Determines a fraction with denominator n representing a given whole	Determines a fraction equivalent to a whole number given a whole	Analyzes equivalence relati
	number and vice versa given a visual representation of a whole number divided into n equal parts (e.g., number line from 0 to 3 using a scale of 1/4,	number, including 1. DOK: 1	fraction. DOK: 2
	student identifies $12/4$ as the fraction equivalent to 3). DOK: 1	Determines a whole number equivalent to a fraction given the fraction.	Ex: Do the fractions 12/4 ar
		DOK: 1	Justify your answer.
	Max DOK: 1	Explains the relationship between the numerator and denominator for	Explains how to create a mo
		fractions that are equivalent to whole numbers using words, symbols, or	equivalent. DOK: 3
		visual representations. DOK: 2	
			Max DOK: 3
		Ex: A fraction has a denominator of 5. Explain what the numerator must be for the fraction to equal a whole number.	
3.N.2.e Justify whole numbers as fractions and identify			
fractions that are equivalent to whole numbers.		DOK: 1	
	Uses symbols to record comparisons between two fractions of the same whole, all having the same denominator but different numerators or all	Uses symbols to record comparisons between two fractions of the same whole, all having the same numerator but different denominators or all	Analyzes ordered sequence numerator but different de
	having the same numerator but different denominators given a visual	having the same denominator but different numerators. DOK: 1	different numerators using
	representation of the fractions (e.g., fraction model, number line). DOK: 1		(e.g., explains why 1/8, 1/5
	Mar. DOV. 1	Orders three or more fractions of the same whole, all having the same	DOK: 2
	Max DOK: 1	numerator but different denominators or all having the same denominator but different numerators given a visual representation of the fractions.	Max DOK: 2
		DOK: 2	
		Orders three or more unit fractions. DOK: 2	
		Orders three or more fractions of the same whole, all having the same	
		denominator but different numerators. DOK: 2	
		Orders three or more non-unit fractions of the same whole, all having the same numerator but different denominators. DOK: 2	
		Analyzes a comparison of two fractions, all having the same denominator	
		but different numerators or all having the same numerator but different denominators using verbal reasoning/or visual representations (e.g.,	
3.N.2.f Compare and order fractions having the same		explains why 2/5, is less than 4/5). DOK: 2	
numerators or denominators by reasoning about their			
size.		Max DOK: 2	
ALGEBRA: Students will solve problems and reason			
with algebra using multiple representations, make			
connections within math and across disciplines, and			
communicate their ideas. 3.A.1 Operations and Algebraic Thinking: Students will			
extend understanding of multiplication and apply			
operational properties to solve problems.	Adds or subtracts within 10,000 without regrouping. At least one value	Adds or subtracts within 10,000 with regrouping. At least one value swet	Analyzes addition or subtra
3.A.1.a Add and subtract up to 4-digit whole numbers	Adds or subtracts within 10,000, without regrouping. At least one value must be 4 digits. DOK: 1	Adds or subtracts within 10,000, with regrouping. At least one value must be 4 digits. DOK: 2	DOK: 2
with or without regrouping using strategies based on			
place value and algorithms.	Max DOK: 1	Max DOK: 2	Max DOK: 2
3.A.1.b Determine the reasonableness of whole			
number sums and differences using estimations and		Assessed at the local level	
number sense.			
3.A.1.c Solve and write one-step whole number			
equations to represent authentic problems using the		Assessed at the local level	
four operations including equations with an unknown			
start, unknown change, or unknown result.			
3.A.1.d Interpret and solve two-step authentic			
problems involving whole numbers and the four		Assessed at the local level	
operations.			

lationships between a whole number and a and 27/9 represent the same whole number? model to show a fraction and a whole number are nces of three or more fractions, all having the same denominators or all having same denominator but ing verbal reasoning and/or visual representations 1/5, and 1/2 are in order from least to greatest). traction within 10,000, with or without regrouping.

3.A.1.e Apply commutative, associative, distributive,			
identity and zero properties as strategies to multiply		Assessed at the local level	
and divide.			I- • • • • • • • • • • • • • • • • • • •
	Represents multiplication or division as a numerical expression when given the expression represented in another form (visual, words, repeated	Generates an equivalent representation of a multiplication or division expression in another form to represent its meaning. DOK: 2	Explains equivalence betwee multiplication or division us
	addition). DOK: 1		DOK: 3
	Represents multiplication or division as a description of equal groups or	Represents multiplication or division as a description of equal groups or arrays when given a context (e.g. Someone with 16 pencils can make equal	Ex: A person has 2 boxes of
	arrays when given a visual (e.g. A picture showing 2 rows of pencils with 8	groups by arranging the pencils in 2 equal groups of 8). DOK: 2	x 8 represents the total num
	pencils in each row can be described as 2 rows of 8 pencils). DOK: 1	Identifies the operation that will undo multiplication or division (e.g. Given	the number of pencils.
	Max DOK: 1	that a number times 3 is 24 knows that the number is also 24 divided by 3.) DOK: 1	Max DOK: 3
		Explains the relationship between multiplication and division using	
2.4.4 files downings would some such also as a stand		drawings, words, arrays, symbols, repeated addition, equal groups, and	
3.A.1.f Use drawings, words, arrays, symbols, repeated		number lines. DOK: 3	
addition, equal groups, and number lines to interpret		Max DOK: 3	
and explain the meaning of multiplication and division and their relationship.			
3.A.1.g Fluently multiply and divide within 100 using			I
strategies based on understanding and properties of		Assessed at the local level	
operations.			
- ·	Multiplies any multiple of 10 by 1. DOK: 1	Multiplies a one-digit number times 10, 20, 30, 40, 50, 60, 70, 80, or 90.	Analyzes multiplication of a
3.A.1.h Multiply one-digit whole numbers by multiples	Max DOK: 1	DOK: 1	within 10 - 90 (e.g., explains
of 10 in the range of 10 to 90 using strategies based on		Max DOK: 1	Max DOK: 2
place value and properties of operations.			
GEOMETRY: Students will solve problems and reason			
with geometry using multiple representations, make			
connections within math and across disciplines, and			
communicate their ideas.			
3.G.1 Shapes and Their Attributes: Students will			
recognize and represent the attributes of two-			
dimensional shapes.	Determines whether a single quadrilateral belongs in a single category of	Sorts a set of multiple quadrilaterals into two or more categories of	Sorts quadrilaterals to illust
	parallelogram, trapezoid, rhombus, square, or rectangle. DOK: 2	parallelogram, trapezoid, rhombus, square, and/or rectangle. DOK: 2	parallelogram, trapezoid, rh quadrilaterals into a Venn d
	Max DOK: 2	Determines a single category for three or more quadrilaterals. Includes the	
		use of parallelograms and/or trapezoids. (e.g., when given a trapezoid, rectangle, and rhombus, determine that they are all quadrilaterals). DOK: 2	Max DOK: 2
3.G.1.a Sort quadrilaterals into categories according to		Max DOK: 2	
their attributes.			
3.G.2 Area and Perimeter: Students will recognize			
perimeter and area as attributes of plane figures and			
understand concepts of area measurement.			
	Determines perimeters of polygons when given images of the polygons with all cide learnthe chown (must include context) DOK 1	Determines perimeters of polygons when given all side lengths of the	Determines the lengths of the
	with all side lengths shown (must include context). DOK: 1	polygon without an image (must include context). DOK: 1	perimeter and only one side without an image (must incl
	Determines the length of one unknown side of a polygon when given an	Determines the length of one unknown side of a polygon when given	
	image, the perimeter, and the lengths of all remaining sides (must include context). DOK: 2	perimeter and the lengths of all remaining sides without an image (must include context). DOK: 2	Max DOK: 2
	Compares the perimeters of two or more polygons when given all side	Max DOK: 2	
3.G.2.a Solve authentic problems involving perimeters	lengths of the polygons (must include context). DOK: 2		
of polygons when given the side lengths or when given	Max DOK: 2		
the perimeter and unknown side length(s).			
	1	1	I



3.G.2.b Use concrete and pictorial models to measure	Assessed at the local level		
areas in square units by counting square units.			
	Determines the area of a rectangle when given an image of the rectangle with whole-number side lengths and unit squares shown (may include context). DOK: 1	Determines or creates images of rectangles with whole-number side lengths and unit squares that result in given areas or multiplication models for the area (may include context). DOK: 2	Analyzes statements about f (may include context) (e.g., o area). DOK: 3
	Identifies multiplication expressions or equations that represent the area of images of rectangles with unit squares (may include context). DOK: 1	Writes multiplication expressions or equations to represent the area of images of rectangles with unit squares (may include context). DOK: 2	Max DOK: 3
3.G.2.c Find the area of a rectangle with whole-number side lengths by modeling with unit squares; show that	Compares the areas of two or more rectangles when given images of the rectangles with whole-number side lengths and unit squares shown (may include context). DOK: 2	Shows and explains why the area of a rectangle with unit squares can be found by both counting the unit squares and by multiplying the side lengths (may include context). DOK: 3	;
area can be additive and is the same as it would be found by multiplying the side lengths.	Max DOK: 2	Max DOK: 3	
3.G.3 Measurement: Students will use tools to solve			
measurement problems.			
3.G.3.a Identify and use the appropriate tools and units	5		
of measurement, both customary and metric, to solve			
authentic problems involving length, weight, mass,		Assessed at the local level	
liquid volume, and capacity (within the same system			
and unit).	Measures length to the nearest half inch or fourth inch or centimeter when	Uses a ruler to measure length to the pearest half inch or fourth inch or	None at this level.
	the ruler is placed in the diagram. DOK: 2	centimeter when the ruler is not placed in the diagram. DOK: 2	None at this level.
3.G.3.b Estimate and measure length to the nearest	Max DOK: 2	Max DOK: 2	
half inch, fourth inch, and centimeter.			
3.G.4 Time: Students will tell time to the nearest			
minute and find elapsed time.			
	Identifies the time to the minute from a digital or analog clock (may include context). DOK: 1	Writes time to the minute from an analog clock (may include context). DOK 1	Explains or justifies given tin analog clock (e.g., explains w represents 15 minutes). DOK
	Max DOK: 1	Determines time to the minute from an analog clock using time interval terms quarter to, half past, etc. (may include context). DOK: 1	Max DOK: 2
		Represents a given time on an analog clock (e.g., places hour and minute hand on an analog clock to represent 6:01). DOK: 1	
3.G.4.a Tell and write time to the minute using both		Max DOK: 1	
analog and digital clocks.	Determines an end time when given an on-the-hour start time and a duration less than one hour in a context. DOK: 1	Determines the end time when given a start time and a duration that extends past the hour mark in a context. DOK: 1	Determines the start time w extends beyond the hour in
	Determines an end time when given a start time and a duration that does not extend past the hour in a context. DOK: 1	Determines the start time when given an end time and a duration that does not extend beyond the hour in a context. DOK: 1	Determines the total amoun in a context. DOK: 2
	Max DOK: 1	Determines the elapsed time when given a start time and an end time in a context. DOK: 1	Determines the earliest/late and multiple durations in a c
		Determines how much longer one duration is than the other when given two different durations in a context. DOK: 2	Max DOK: 2
		Determines the total amount of time when given two different durations in a context. DOK: 2	
3.G.4.b Solve authentic problems involving addition		Max DOK: 2	
and subtraction of time intervals and find elapsed time	•		

bout finding the area of rectangles with unit squares (e.g., determines and explains an error in finding the
en times and their representations on a digital or ains why a clock with the minute hand at the 3). DOK: 2
me when given an end time and a duration that our in a context. DOK: 1
our in a context. DOK: 1
our in a context. DOK: 1 mount of time when given three or more durations t/latest end time when given multiple start times
our in a context. DOK: 1 mount of time when given three or more durations t/latest end time when given multiple start times
our in a context. DOK: 1 mount of time when given three or more durations t/latest end time when given multiple start times

DATA: Students will solve problems and reason with			
data/probability using multiple representations, make			
connections within math and across disciplines, and			
communicate their ideas.			
3.D.1 Data Collection: Students will formulate			
questions to collect, organize, and represent data.			
	Identifies a scaled pictograph or scaled bar graph that represents a given data set. DOK: 1	Identifies a scaled pictograph or scaled bar graph that represents an incomplete data set or data set that requires interpretation. DOK: 2	Analyzes scaled pictographs corresponding data (e.g., ex given a data set and a pictog
	Creates a scaled pictograph or scaled bar graph to represent data requiring		DOK: 3
	scales of 2, 5, or 10. Includes answering questions about steps in creating	Janice, Deb, and Fred earned the same number of points. Which bar graph shows this data?	(Noto: Crophs must have m
	the graph. DOK: 2		(Note: Graphs must have m
	(Note: Graphs must have more than 4 categories)	Creates a scaled pictograph or scaled bar graph to represent the data	Max DOK: 3
	Max DOK: 2	requiring scales other than 1, 2, 5, or 10. Includes answering questions about steps in creating the graph. DOK: 2	
3.D.1.a Create scaled picture graphs and scaled bar			
graphs to represent a data set with more than four		(Note: Graphs must have more than 4 categories)	
categories, including data collected through		Max DOK: 2	
observations, surveys, and experiments.			
	Determines a line plot that represents the data when given data consisting of whole numbers. May include answering a question about a step in	Determines a line plot that represents the data when given data that includes whole numbers and halves. May include answering a question	Answers multiple questions data when given data consist
	creating the line plot. DOK: 2	about a step in creating the line plot. DOK: 2	
	Max DOK: 2	Max DOK: 2	Analyzes line plots with a so data (e.g., explain why using plot is a good fit for the give
3.D.1.b Generate and represent data using line plots			
where the horizontal scale is marked off in halves and			Max DOK: 3
whole number units.			
3.D.2 Analyze Data and Interpret Results: Students will			
analyze the data and interpret the results.			
	Answers questions about quantities based on data given a pictograph, line plot, or bar graph with a scale of 1. Includes combining or comparing multiple categories of data to answer questions about quantity. DOK: 2	plot, or bar graph with a scale other than 1. Includes combining or comparing multiple categories of data to answer questions about quantity.	Solves problems about miss in a pictograph, line plot, or DOK: 2
	Max DOK: 2	DOK: 2	Answers questions about qu
		Solves problems about missing information related to quantities in data	given a bar graph with a sca
		given a pictograph, line plot, or bar graph with a scale of 1, 2, 5, or 10. DOK: 2	comparing multiple categor DOK: 2
2 D 2 a Analyza data and make simple statements		Ex: Given the total quantity and a graph with three of the four categories represented, determines the quantity of the fourth category.	Analyzes statements about pictograph, line plot, or bar statement was caused by m
3.D.2.a Analyze data and make simple statements using information represented in picture graphs, line		Max DOK: 2	Statement was caused by III
plots, and bar graphs.			Max DOK: 3
piors, and bai graphs.			

