

## F.20 - High School Modern Geometry

PUBLISHER/PROVIDER MATERIAL INFORMATION (TO BE COMPLETED BY PUBLISHER/PROVIDER)					
Publisher/Provider Name/Imprint:		Grade(s):			
Title of Student Edition:		Student Edition ISBN:			
Title of Teacher Edition:		Teacher Edition ISBN:			
Title of SE Workbook:		SE Workbook ISBN:			

PUBLISHER/PROVIDER CITATION VIDEO: Reviewer must view video before starting the review of this set of materials.					
Citation Video Link:					
Citation video certification:	I certify that I have viewed the citation set of materials.	certify that I have viewed the citation video for this specific publisher and set of materials.			
Digital Material Log In: (Include ONLY if submitting digital materials as part of the review set listed above.)	Website:	Username:	Password:		

## Section 1: Standards Review -- Math Content Standards PUBLISHER/PROVIDER INSTRUCTIONS:

PUBLISHER/PROVIDER INSTRUCTIONS:

Publisher/Provider intations for this section will refer to the **Teacher Edition (teacher-facing core material)**. The cited Teacher Edition should correspond with the title and ISBN entered on the Form F cover page, whether in print, online, or both.
The review set submitted to the summer review institute should also correspond with what is cited on the Form F. If the review set is an online platform only, then that is what should be cited on the Form F and submitted for review by the review teams.
For this section, the publisher/provider will enter one citation per math content standard in Column D. Each citation should direct the review reto a specific location in the materials that best meets the standard. The citation should be cover no more than 3 pages within the materials that best meets the standard. The citation should be cover no more than 3 pages within the materials that best meets the standard. If necessary, you may enter multiple, targeted citations in column D form the Teacher-Facing core material). Each citation should direct the reviewer to a specific location in the materials that best meets the standard. If necessary, you may enter multiple, targeted citations in Column D. Each citation should direct the reviewer to a specific location in the materials that best meets the standard. If necessary, you may enter multiple, targeted citations is noted the standard with multiple components. Use as few citations should be savectations? "Doe not meet executions?" have on the citation provider divert the execution print of the standard have been met.
O column D: The material will be concider at final divert as "Meet executions."

o Column E: The material will be scored for alignment with each standard as "Meets expectations", "Partially meets expectations", or "Does not meet expectations" based on the citation provided.

			O NOTE. Tou muy not use u	citation m	ore than once across ALL sec	tions of the rubric.			
Criteria #	Standard	F.20 High School Modern Geometry Standards Review	Publisher/Provider Citation from Teacher Edition	Score	If Scored D: Reviewer's Evidence for Publisher Citation	Reviewer Citation from Student Edition/Workbook	Score	Required: Reviewer's Evidence	Comments, other citations, notes
DOMAIN	l: HS.G-Co - Coi	agruence	Later Later	-					
		ith transformations in the plane.							
		Know precise definitions of angle, circle, perpendicular line, parallel							
1	G.CO.1	line, and line segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc.							
		Represent transformations in the plane using, e.g., transparencies							
2	G.CO.2	and geometry software; describe transformations as functions that							
2	0.00.2	take points in the plane as inputs and give other points as outputs. Compare transformations that preserve distance and angle to those							
		that do not (e.g., translation versus horizontal stretch).							
3	G.CO.3	(+) Given a rectangle, parallelogram, trapezoid, or regular polygon, describe the rotations and reflections that carry it onto itself.							
		(+) Develop definitions of rotations, reflections, and translations in							
4	G.CO.4	terms of angles, circles, perpendicular lines, parallel lines, and line							
		segments. (+) Given a geometric figure and a rotation, reflection, or translation,							
5	G.CO.5	draw the transformed figure using, e.g., graph paper, tracing paper,							
,	0.00.5	or geometry software. Specify a sequence of transformations that							
Cluster:	Understand o	will carry a given figure onto another. ongruence in terms of rigid motions.							
cluster.	Cilderstalla	(+) Use geometric descriptions of rigid motions to transform figures							
6	G.CO.6	and to predict the effect of a given rigid motion on a given figure;							
ľ	0.0010	given two figures, use the definition of congruence in terms of rigid motions to decide if they are congruent.							
		(+) Use the definition of congruence in terms of rigid motions to							
7	G.CO.7	show that two triangles are congruent if and only if corresponding							
-		pairs of sides and corresponding pairs of angles are congruent. Explain how the criteria for triangle congruence (ASA, SAS, and SSS)		-					
8	G.CO.8	follow from the definition of congruence in terms of rigid motions.							
Cluster:	Prove geomet				-				
		Prove theorems about lines and angles. Theorems include: vertical angles are congruent; when a transversal crosses parallel lines,							
9	G.CO.9	alternate interior angles are congruent and corresponding angles are							
		congruent; points on a perpendicular bisector of a line segment are							
		exactly those equidistant from the segment's endpoints. Prove theorems about triangles. Theorems include: measures of							
		interior angles of a triangle sum to 180°; base angles of isosceles							
10	G.CO.10	triangles are congruent; the segment joining midpoints of two sides							
		of a triangle is parallel to the third side and half the length; the medians of a triangle meet at a point.							
		(+) Prove theorems about parallelograms. Theorems include:							
11	G.CO.11	opposite sides are congruent, opposite angles are congruent, the diagonals of a parallelogram bisect each other, and conversely,							
		rectangles are parallelograms with congruent diagonals.							
Cluster:	Make geomet	ric constructions.							
		(+) Make formal geometric constructions with a variety of tools and							
		methods (compass and straightedge, string, reflective devices, paper folding, dynamic geometric software, etc.). Copying a							
12	G.CO.12	segment; copying an angle; bisecting a segment; bisecting an angle;							
		constructing perpendicular lines, including the perpendicular bisector							
13		of a line segment; and constructing a line parallel to a given line through a point not on the line.							
13	G.CO.13	through a point not on the line. (+) Construct an equilateral triangle, a square, and a regular hexagon							
		through a point not on the line. (+) Construct an equilateral triangle, a square, and a regular hexagon inscribed in a circle.							
DOMAIN	I: HS.G-SRT - Si	through a point not on the line. (+) Construct an equilateral triangle, a square, and a regular hexagon							
DOMAIN	I: HS.G-SRT - Si	through a point not on the line. (+) Construct an equilateral triangle, a square, and a regular hexagon inscribed in a circle. milarity, right triangles, and trigonometry milarity in terms of similarity transformations. (-) Verify experimentally the properties of dilations given by a center							
DOMAIN Cluster:	I: HS.G-SRT - Si Understand si	through a point not on the line. (+) Construct an equilateral triangle, a square, and a regular hexagon inscribed in a circle. milarity, right triangles, and trigonometry milarity in terms of similarity transformations. (+) Verify experimentally the properties of dilations given by a center and a scale factor:							
DOMAIN Cluster: 14	I: HS.G-SRT - Si Understand si G.SRT.1	through a point not on the line. (+) Construct an equilateral triangle, a square, and a regular hexagon inscribed in a circle. milarity, right triangles, and trigonometry milarity in terms of similarity transformations. (+) Verify experimentally the properties of dilations given by a center and a scale factor: (+) Given two figures, use the definition of similarity in terms of similarity transformations to decide if they are similar; explain using							
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DOMAIN Cluster: 14 15 16 Cluster: 17 18 Cluster: 19 20 21 DOMAIN Cluster:	I: HS.G.SRT - Si Understand si G.SRT.1 G.SRT.2 G.SRT.3 Prove theore: G.RST.4 G.RST.4 G.RST.5 Define trigon G.RST.6 G.RST.7 G.RST.8 I: HS.G-C - Circl Understand a	<ul> <li>through a point not on the line.</li> <li>(+) Construct an equilateral triangle, a square, and a regular hexagon inscribed in a circle.</li> <li>milarity, right triangles, and trigonometry</li> <li>milarity in terms of similarity transformations.</li> <li>(+) Verify experimentally the properties of dilations given by a center and a scale factor:</li> <li>(+) Given two figures, use the definition of similarity in terms of similarity transformations to decide if they are similar; explain using similarity transformations to decide if they are similar; explain using similarity transformations to decide if they are similar; explain using similarity transformations to decide if they are similar; explain using similarity transformations to decide if they are similar; explain using similarity transformations to decide if they are similar; explain using similarity transformations to decide if they are similar; explain using similarity transformations to decide if they are similar; explain using similarity transformations to decide if they are similar; explain using a di a lorresponding pairs of agles and the proportionality of all corresponding pairs of sides.</li> <li>(+) Use the properties of similarity transformations to establish the AA criterion for two triangles. Theorems include: a line parallel to are side of a triangle divides the other two proportionality, and conversely; the Pythagorean Theorem proved using triangle similarity.</li> <li>Use congruence and similarity criteria for triangles to solve problems and to prove relationships in geometric figures.</li> <li>Understand that by similarity, side ratios in right triangles are properties of the angles in the triangle, leading to definitions of trigonometric ratios for acute angles.</li> <li>(+) Explain and use the relationship between the sine and cosine of complementary angles.</li> <li>Use trigonometric ratios and the Pythagorean Theorem to solve right triangles in applied problems. ★ as</li> </ul>							
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Cluster:	Find arc lengt	hs and areas of sectors of circles.			
cluster.	rinu arc iengu	Derive using similarity the fact that the length of the arc intercepted			
25	G.C.5	by an angle is proportional to the radius, and define the radian			
		measure of the angle as the constant of proportionality; derive the formula for the area of a sector.			
DOMAIN	: HS.G-GPE - E	pressing geometric properties with equations			
Cluster:	Translate betw	ween the geometric description and the equation for a conic section.			
26	G.GPE.1	Derive the equation of a circle of given center and radius using the Pythagorean Theorem; complete the square to find the center and			
		radius of a circle given by an equation.			
27 Cluster:	G.GPE.2	(+) Derive the equation of a parabola given a focus and directrix. es to prove simple geometric theorems algebraically.			
cluster:	Use coordinat	(+) Use coordinates to prove simple geometric theorems			
		algebraically. For example, prove or disprove that a figure defined by			
28	G.GPE.4	four given points in the coordinate plane is a rectangle; prove or disprove that the point $(1, \sqrt{3})$ lies on the circle centered at the origin			
		and containing the point (0, 2).			
		Prove the slope criteria for parallel and perpendicular lines and use			
29	G.GPE.5	them to solve geometric problems (e.g., find the equation of a line parallel or perpendicular to a given line that passes through a given			
		point).			
30	G.GPE.6	(+) Find the point on a directed line segment between two given points that partitions the segment in a given ratio.			
31	G.GPE.7	Use coordinates to compute perimeters of polygons and areas of			
		triangles and rectangles, e.g., using the distance formula. ★ Seometric measurement and dimension			
		e formulas and use them to solve problems.			
32	G.GMD.3	Use volume formulas for cylinders, pyramids, cones, and spheres to			
		solve problems. ★ ionships between two-dimensional and three-dimensional objects.			
		(+) Identify the shapes of two-dimensional cross-sections of three-			
33	G.GMD.4	dimensional objects, and identify three-dimensional objects generated by rotations of two-dimensional objects.			
DOMAIN	: GS.G-MG - M	odeling with geometry			 
		ric concepts in modeling situations.			
34	G.MG.1	Use geometric shapes, their measures, and their properties to describe objects (e.g., modeling a tree trunk or a human torso as a			
54	0.1410.1	cylinder).★		 	
35	G.MG.2	Apply concepts of density based on area and volume in modeling			
		situations (e.g., persons per square mile, BTUs per cubic foot).★ Apply geometric methods to solve design problems (e.g., designing			
36	G.MG.3	an object or structure to satisfy physical constraints or minimize			
000000		cost; working with typographic grid systems based on ratios).			
		rpreting Categorical and Quantitative Data present, and interpret data on a single count or measurement variabl	e.		
37	S.ID.1	Represent data with plots on the real number line (dot plots,			
	-	histograms, and box plots). Use statistics appropriate to the shape of the data distribution to			
38	S.ID.2	compare center (median, mean) and spread (interquartile range,			
		standard deviation) of two or more different data sets. Interpret differences in shape, center, and spread in the context of			
39	S.ID.3	the data sets, accounting for possible effects of extreme data points			
Cluster:	Summarize re	(outliers). epresent, and interpret data on two categorical and quantitative varial	hlos		
	Junnanze, re	Summarize categorical data for two categories in two-way frequency	5163.		
40	S.ID.5	tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies).			
		Recognize possible associations and trends in the data.			
41	S.IB.6	Represent data on two quantitative variables on a scatter plot, and describe how the variables are related.			
		Fit a function to the data; use functions fitted to data to solve			
42	S.ID.6.a	problems in the context of the data. Use given functions or choose a function suggested by the context. Emphasize linear, quadratic, and			
		exponential models.			
43	S.ID.6.b				
		Informally assess the fit of a function by plotting and analyzing			
44	C 10 C -	Informally assess the fit of a function by plotting and analyzing residuals. Fit a linear function for a scatter plot that suggests a linear			
Cluster:	S.ID.6.c	residuals. Fit a linear function for a scatter plot that suggests a linear association.			
	Interpret linea	residuals. Fit a linear function for a scatter plot that suggests a linear association. ar models.			
45	Interpret linea	residuals. Fit a linear function for a scatter plot that suggests a linear association. <b>r models.</b> Interpret the slope (rate of change) and the intercept (constant term) of a linear model in the context of the data.			
45 DOMAIN	Interpret linea S.ID.7 : HS.S-IC - Mak	residuals. Fit a linear function for a scatter plot that suggests a linear association. ar models. Interpret the slope (rate of change) and the intercept (constant term) of a linear model in the context of the data. ing Inferences and Justifying Conclusions			
45 DOMAIN	Interpret linea S.ID.7 : HS.S-IC - Mak	residuals. Fit a linear function for a scatter plot that suggests a linear association. <b>r models.</b> Interpret the slope (rate of change) and the intercept (constant term) of a linear model in the context of the data.			
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45 DOMAIN Cluster:	Interpret linea S.ID.7 : HS.S-IC - Mak Understand a	residuals. Fit a linear function for a scatter plot that suggests a linear association. <b>rr models.</b> Interpret the slope (rate of change) and the intercept (constant term) of a linear model in the context of the data. <b>ing inferences and Justifying Conclusions</b> <b>nd evaluate random processes underlying statistical experiments.</b> Understand statistics as a process for making inferences about			
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45 DOMAIN Cluster: 46	Interpret lines S.ID.7 : HS.S-IC - Mak Understand a S.IC.1	residuals. Fit a linear function for a scatter plot that suggests a linear association. <b>ar models.</b> Interpret the slope (rate of change) and the intercept (constant term) of a linear model in the context of the data. <b>ing Inferences and Justifying Conclusions</b> <b>d evaluate random processes underlying statistical experiments.</b> Understand statistics as a process for making inferences about population. Decide if a specified model is consistent with results from a given			
45 DOMAIN Cluster: 46 47	Interpret line: S.ID.7 : HS.S-IC - Mak Understand a S.IC.1 S.IC.2	residuals. Fit a linear function for a scatter plot that suggests a linear association. <b>rr models.</b> Interpret the slope (rate of change) and the intercept (constant term) of a linear model in the context of the data. <b>ing inferences and Justifying Conclusions</b> <b>nd evaluate random processes underlying statistical experiments.</b> Understand statistics as a process for making inferences about population. Decide if a specified model is consistent with results from a given data-generating process, e.g., using simulation. For example, a model says a spinning coin fails heads up with probability 0.5. Would	ervational studies.		
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45 DOMAIN Cluster: 46 47 Cluster: 48 49	Interpret line: S.ID.7 : HS.S-IC - Mak Understand at S.IC.1 S.IC.2 Make inferent S.IC.4 S.IC.6	residuals. Fit a linear function for a scatter plot that suggests a linear association. ar models. Interpret the slope (rate of change) and the intercept (constant term) of a linear model in the context of the data. ing inferences and Justifying Conclusions nd evaluate random processes underlying statistical experiments. Understand statistics as a process for making inferences about population parameters based on a random sample from that population. Decide if a specified model is consistent with results from a given data-generating process, e.g., using simulation. For example, a model soys a spinning coin falls heads up with probability 0.5. Would a result of 5 tails in a row cause you to question the model? zes and justify conclusions from sample surveys, experiments, and obs Use data from a sample survey to estimate a population mean or proportion, develop a margin of error through the use of simulation models for random sampling.	ervational studies.		
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45 DOMAIN Cluster: 46 47 Cluster: 48 49 DOMAIN Cluster: 50	Interpret line: S.ID.7 IHS.S.IC - Mak Understand a S.IC.1 S.IC.2 Make inferent S.IC.4 S.IC.6 IHS.S.CP - Con Understand ir S.CP.1	residuals. Fit a linear function for a scatter plot that suggests a linear association. ar models. Interpret the slope (rate of change) and the intercept (constant term) of a linear model in the context of the data. ing Inferences and Justifying Conclusions devaluate random processes underfying statistical experiments. Inderstand statistics as a process for making inferences about population parameters based on a random sample from that population. Decide if a specified model is consistent with results from a given data-generating process, e.g., using simulation. For example, a model says a spinning coin falls heads up with probability 0.5. Would a result of 5 tails in a row cause you to question the model? ess and justify conclusions from sample surveys, experiments, and obd? Use data from a sample survey to estimate a population mean or proportion, develop a margin of error through the use of simulation models for random sampling. Evaluate reports based on data. ditional Probability and the Rules of Probability dependence and conditional probability and use them to interpret da Describe events as subsets of a sample space (the set of outcomes) intersections, or complements of other events ["or,"" and," "not"). Understand that two events A and B are independent if the probability of A and B occurring together is the product of their			
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45 DOMAIN Cluster: 46 47 Cluster: 48 49 DOMAIN Cluster: 50 51	Interpret line: S.ID.7 Ask S.JC.7 Ask S.IC.1 Understand a S.IC.1 S.IC.2 Make inferent S.IC.4 S.IC.6 :HS.S-CP - Con Understand ir S.CP.1 S.CP.2	residuals. Fit a linear function for a scatter plot that suggests a linear association. ar models. Interpret the slope (rate of change) and the intercept (constant term) of a linear model in the context of the data. ing Inferences and Justifying Conclusions and evaluate random processes underlying statistical experiments. Understand statistics as a process for making inferences about population parameters based on a random sample from that population. Decide if a specified model is consistent with results from a given data-generating process, e.g., using simulation. For example, a model soys a spinning coin foils heads up with probability 0.5. Would a result of 5 tails in a row cause you to question the model? ses and justify conclusions from sample surveys, experiments, and obs Use data from a sample survey to estimate a population mean or proportion; develop a margin of error through the use of simulation models for random sampling. Evaluate reports based on data. ditional Probability and the Rules of Probability dependence and conditional probability and use them to interpret da Describe events as subsets of a sample space (the set of outcomes) using characteristics (or categories) of the outcomes, or as unions, intersections, or complements of other events ("or," "and," "not"). Understand that two events A and B are independent if the probabilitys, and use this characterization to determine if they are independent. (+) Understand the conditional probability of A given B as P(A and B) /P(B), and interpret independence of A and B as saying that the			
45 DOMAIN Cluster: 46 47 Cluster: 48 49 DOMAIN Cluster: 50	Interpret line: S.ID.7 IHS.S.IC - Mak Understand a S.IC.1 S.IC.2 Make inferent S.IC.4 S.IC.6 IHS.S.CP - Con Understand ir S.CP.1	residuals. Fit a linear function for a scatter plot that suggests a linear association. Interpret the slope (rate of change) and the intercept (constant term) of a linear model in the context of the data. Ing Inferences and Justifying Conclusions devaluate random processes underlying statistical experiments. Understand statistics as a process for making inferences about population. Decide if a specified model is consistent with results from a given data-generating process, e.g., using simulation. For example, a model soys a spinning coin folls heads up with probability 0.5. Would a result of 5 tails in a row cause you to question the model? See and justify conclusions from sample survey, experiments, and obs: Use data from a sample survey to estimate a population mean or proportion; develop a margin of error through the use of simulation models for random sampling. Evaluate reports based on data. ditional Probability and use them to interpret da Describe events as subsets of a sample space (the set of outcomes) using characteristics (or categories) of the outcomes) or as unions; intersections, or complements of other events ("or," "and," "not"). Understand that two events A and B are independent if the probability of A and B occurring together is the product of their probability of A and B occurring together is the product of their probability and use this characterization to determine if they are independent.			

		Construct and interpret two-way frequency tables of data when two			1	
		categories are associated with each object being classified. Use the				
		two-way table as a sample space to decide if events are independent				
		and to approximate conditional probabilities. For example, collect				
53	S.CP.4	data from a random sample of students in your school on their				
		favorite subject among math, science, and English. Estimate the				
		probability that a randomly selected student from your school will				
		favor science given that the student is in tenth grade. Do the same				
		for other subjects and compare the results.				
		(+) Recognize and explain the concepts of conditional probability and				
54	S.CP.5	independence in everyday language and everyday situations. For				
54	5.CP.5	example, compare the chance of having lung cancer if you are a				
		smoker with the chance of being a smoker if you have lung cancer.				
Cluster	: Use the rules	of probability to compute probabilities of compound events in a unifor	m probability model.			
		(+) Find the conditional probability of A given B as the fraction of B's				
55	S.CP.6	outcomes that also belong to A, and interpret the answer in terms of				
		the model.				
56	S.CP.7	(+) Apply the Addition Rule, P(A or B) = P(A) + P(B) – P(A and B), and				
50	5.CP.7	interpret the answer in terms of the model.				

Section	2: Math Content Review			
PUBLISH	ERS/PROVIDERS:			
	ath Content Review tab will be completed solely by the rev		<i>·</i> ·	ir score
	he material based on their overall review of the material.		· · ·	
	aterial will be scored for alignment with each criterion as "	Meets expe	ectations", "Partially meets expectations", or	
	not meet expectations".		Required: Reviewer's Evidence from Material	
Criteria	Grades K-12 Math Content Criteria	Score	Include where you found the evidence in the material and what	Comments, citations, notes
#			evidence you found that supports your score.	
	REA 1: RIGOR AND MATHEMATICAL PRACTICES			
	s support student mastery through a grade-appropriate b			application.
Materia	s meaningfully connect the Content Standards (CCSS) with	h the Stand	lards for Mathematical Practice (SMPs).	[
	Conceptual Understanding:			
1	Materials support the intentional development of			
	students' conceptual understanding of key mathematical concepts.			
	Procedural Skill and Fluency:			
	Materials support intentional opportunities for students			
2	to develop procedural skills and fluencies in alignment			
	with what is called for in the grade-level standards.			
	Application:			
	Materials support students' ability to leverage			
3	mathematical skills, concepts, representations, and			
	strategies across a range of contexts, (including applying			
	learning to real-world situations and new contexts).			
	Balance of Rigor:			
	With equitable intensity			
4	The three aspects of rigor are not always treated			
	together and are not always treated separately. The three aspects are balanced with respect to the standards			
	being addressed in each grade level.			
	SMPs 1 and 6			
	Materials support the intentional development of			
5	making sense of problems and attending to precision as			
	required by the mathematical practice standards 1 and			
	6.			
	SMPs 2 and 3			
	Materials support the intentional development of			
6	reasoning abstractly and quantitatively, along with			
	developing viable arguments and critiquing the			
	reasoning of others, in connection to the content			
-	standards, as required by the practice standards 2 and 3. SMPs 4 and 5			
	Materials support the intentional development of			
7	modeling and using tools, in connection to the content			
	standards, as required by the mathematical practice			
	standards, as required by the mathematical practice			
	SMPs 7 and 8			
	Materials support the intentional development of seeing			
8	structure and generalizing, in connection to the content			
	standards, as required by the mathematical practice			
	standards 7 and 8.			

FOCUS	AREA 2: STUDENT CENTERED INSTRUCTION					
Materia	Materials contain embedded resources (routines, strategies, and pedagogical suggestions) to support all students in developing a positive					
mathen	mathematical identity, cultivating self-efficacy, and seeing themselves as a contributor to the math community.					
	Materials provide students with opportunities to					
9	develop self-efficacy and a positive mathematical					
9	identity through opportunities to engage in grade-level					
	tasks using various sharing strategies and approaches.					
10	Materials provide opportunities for students to see					
10	themselves as contributors to the math community.					

FOCUS A	REA 3: INSTRUCTIONAL SUPPORTS FOR ALL STAKEHOLDE	RS				
	Materials provide guidance and resources to support educators in internalizing the mathematical content and providing responsive and					
	differentiated instruction to all students. Materials contain helpful resources to support implementation and instruction (e.g. materials for					
leaders,	teachers, students, families/ caregivers, etc).					
	Teacher materials contain full, adult-level explanations					
	and examples of the mathematics concepts within					
11	lessons so teachers can improve their own knowledge of					
	the subject. Materials are in print or clearly					
	distinguished/accessible as a teacher's edition in digital					
	materials.					
	The materials provide guidance for unit/lesson					
12	preparation to support use of the materials as intended					
12	and to further develop the teachers' own understanding					
	of the mathematical approach.					
	Teacher materials provide insight into students' ways of					
13	thinking with respect to important mathematical					
13	concepts, especially anticipating a variety of student					
	responses.					
	Materials contain strategies for informing parents or					
14	caregivers about the mathematics program and					
14	suggestions for how they can help support student					
	progress and achievement.					

Section	2: All Content Review			
PUBLISH	ERS/PROVIDERS:			
• The Al	I Content Review tab will be completed solely by the review	vers. They	will score each criterion and provide evidence for their sc	core
from t	he material based on their overall review of the material.	/ou will not	provide any citations for this tab.	
• The m	aterial will be scored for alignment with each criterion as "	Meets expe	ectations", "Partially meets expectations", or	
"Does	not meet expectations".			
Criteria	All Contout Criteria Basian		Required: Reviewer's Evidence from Material	
#	All Content Criteria Review	Score	Include where you found the evidence in the material and what evidence you found that supports your score.	Comments, citations, notes
FOCUS A	REA 1: COHERENCE			
	onal materials are coherent and consistent with the New	Mexico Coi	ntent Standards	
	tudents should study in order to be college- and career-re			
	Instructional materials address the full content			
1	contained in the standards for all students by grade			
	level.			
2	Instructional materials support students to show			
2	mastery of each standard.			
	Instructional materials require students to engage at a			
3	level of maturity appropriate to the grade level under			
	review.			
	Instructional materials are coherent, making meaningful			
4	connections for students by linking the standards within			
	a lesson and unit.			
	REA 2: WELL-DESIGNED LESSONS			
Instructi	onal materials take into account effective lesson structure	and pacin	g.	
	The Teacher Edition presents learning progressions to			
_	provide an overview of the scope and sequence of skills			
5	and concepts. The design of the assignments shows a			
	purposeful sequencing of teaching and learning			
	expectations.			
6	Within each lesson of the instructional materials, there			
6	are clear, measurable, standards-aligned content			
	objectives. Within each lesson of the instructional materials, there			
7	are clear, measurable language objectives tied directly			
· ·	to the content objectives.			
	Instructional materials provide focused resources to			
8	support students' acquisition of both general academic			
-	vocabulary and content-specific vocabulary.			
	The visual design of the instructional materials (whether			
9	in print or digital) maintains a consistent layout that			
	supports student engagement with the subject.			
10	Instructional materials incorporate features that aid			
10	students and teachers in making meaning of the text.			
	Instructional materials provide students with ongoing			
11	review and practice for the purpose of retaining			
	previously acquired knowledge.			
FOCUS A	REA 3: RESOURCES FOR PLANNING			
	onal materials provide teacher resources to support plan	ning, learni	ng,	
and und	erstanding of the New Mexico Content Standards.			
	Instructional materials provide a list of lessons in the			
	Teacher Edition (in print or clearly distinguished/			
12	accessible as a teacher's edition in digital materials),			
	cross-referencing the standards addressed and providing			
	an estimated instructional time for each lesson, chapter,			
	and unit.			
12	Instructional materials support teachers with			
13	instructional strategies to help guide students' academic			
	development. Instructional materials include a teacher edition/			
	teacher-facing material with useful annotations and			
14	suggestions on how to present the content in the			
1 14	student edition/student-facing material and in the			
	supporting material.			
L	rr0		1	

-				
15	Instructional materials integrate opportunities for digital			
	learning, including interactive digital components.			
	AREA 4: ASSESSMENT			
	ional materials offer teachers a variety of assessment reso		tools	
to collec	ct ongoing data about student progress related to the stan	dards.		
	Instructional materials provide a variety of assessments			
	that measure student progress in all strands of the			
16	standards for the content under review.			
	(Adopted New Mexico Content Standards for 2024: NM			
	STEM Ready Science Standards)			
	Instructional materials provide multiple formative and			
17	summative assessments, clearly defining which			
	standards are being assessed through content and			
	language objectives.			
	Instructional materials provide scoring guides for			
	assessments that are aligned with the standards they			
18	address, and that offer teachers guidance in interpreting			
	student performance and suggestions for further			
	instruction, differentiation, and/or acceleration.			
	Instructional materials provide appropriate assessment			
19	alternatives for English Learners, Culturally and			
	Linguistically Diverse students, advanced students, and			
	special needs students.			
20	Instructional materials include opportunities to assess			
20	student understanding and knowledge of the standards			
50000	using technology.			
	AREA 5: EXTENSIVE SUPPORT		to overlage lies companys	
Instruct	ional materials give all students extensive opportunities and	ia support	to explore key concepts.	
21	Instructional materials can be customized or adapted to			
	meet the needs of different student populations.			
22	Instructional materials provide differentiated strategies			
22	and/or activities to meet the needs of students working below proficiency and those of advanced learners.			
	Instructional materials provide appropriate linguistic			
	support for English Learners and Culturally and			
	Linguistically Diverse students, and accommodations			
23	and modifications for other special populations that will			
	support their regular and active participation in learning			
	content.			
	Instructional materials provide strategies and resources			
	for teachers to inform and engage parents, family			
24	members, and caregivers of all learners about the			
	program and provide suggestions for how they can help			
	support student progress and achievement.			
	Instructional materials include opportunities for all			
	students that encourage and support critical and			
25	creative thinking, inquiry, and complex problem-solving			
	skills.			
FOCUS A	AREA 6: CULTURAL AND LINGUISTIC PERSPECTIVES			
Instruct	ional materials represent a variety of cultural and linguisti	c perspecti	ves.	
	Instructional materials inform culturally and linguistically			
26	responsive pedagogy by affirming students' backgrounds			
20	in the materials themselves and in the student			
	discussions.			
	Instructional materials provide a collection of images,			
27	stories, and information, representing a broad range of			
21	demographic groups, and do not make generalizations			
	or reinforce stereotypes.			
	Instructional materials provide context, illustrations, and			
28	activities for students to make interdisciplinary			
20	connections and/or connections to real-life experiences			
	and diverse cultural and linguistic backgrounds.			
	AREA 7: INCLUSION OF CULTURALLY AND LINGUISTICALLY F			
Instruct	ional materials highlight diversity in culture and language	through m	ultiple perspectives.	

29	Instructional materials include tools and resources to relate the content area appropriately to diversity in		
30	culture and language. Instructional materials include tools and resources that demonstrate multiple perspectives in a specific concept.		
31	Instructional materials engage students in critical reflection about their own lives and societies, including cultures past and present in New Mexico.		
32	Instructional materials address multiple ethnic descriptions, interpretations, or perspectives of events and experiences.		

Stan	Standards for Mathematical Practice					
1	Make sense of problems and persevere in solving them.					
2	Reason abstractly and quantitatively.					
3	Construct viable arguments and critique the reasoning of others.					
4	Model with mathematics.					
5	Use appropriate tools strategically.					
6	Attend to precision.					
7	Look for and make use of structure.					
8	Look for and express regularity in repeated reasoning.					