2019 Instructional Material Summer Review Institute

Review Team Appraisal of Title

(K-8 Mathematics)

This appraisal form is provided for use by educators responsible for the selection of instructional materials for implementation with districts and charter schools across New Mexico to meet the need of their student populations.

This appraisal form should be used in conjunction with the publisher provided Form D: Research Based Effectiveness Determination that supports this reviewed material which can be found on the Instructional Material Bureau website.

https://webnew.ped.state.nm.us/bureaus/instructional-materials/the-adoption-cycle/

IM Title	enVision Mathematics 2020 Common Core	Publisher	Pearson Education
SE ISBN	9780134960333	TE ISBN	9780134959450
SW ISBN	N/A	Grade Level/Content	Kindergarten

Core Material Designation *(Core Material is - the comprehensive print or digital educational material, including basal material, which constitutes the necessary instructional components of a full academic course of study in those subjects for which the department has adopted content standards and benchmarks.*)

Recommended _____ Recommended with Reservations ___X_____ Not Recommended _____

Total Score

Reviewer #7	Reviewer #8	Reviewer #9	
___85%____	___87%____	__86%_____	
Reviewer #4	Reviewer #73	Reviewer #75	Average Score
___87%____	__87%_____	__87%_____	__86%_____

Standards Review - *Materials are reviewed for alignment with the state adopted content standards, benchmarks and performance standards.*

Reviewer #7	Reviewer #8	Reviewer #9	Average Score
___86%____	___86%____	___88%____	___87%____

Materials align with grade level standards.
Statements of appraisal and supporting evidence: This curriculum does align to the standards. The TEPO Correlation documents show the indicated lessons with the most "in-depth" coverage in bold type. Most of the standards have at least one "in depth" lesson with an average of 4 "in depth" lessons for each standard. Two standards did not have any "in

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depth" lessons. Although the majority of the activities aligned with the standards, the activities not highlighted in bold did not consistently teach to the depth of knowledge needed to prepare students for first grade. For example, standard K.C.C.A.1 has only three "in-depth" lessons with one that addresses counting to 30 by ones. Another lesson addresses counting to 50 by ones and the other 11 lessons, including the third "in-depth" lesson, addresses the standard at a surface level. Mastery of this standard is not clearly demonstrated.

Materials align to standards for mathematical practice.

Statements of appraisal and supporting evidence:
This curriculum does align to standards for mathematical practice. However, there is only one lesson for each topic that goes into depth. The Mathematical Practices are also highlighted in additional lessons, which are referenced at the beginning of each topic in the overview. There is an assessment rubric provided that can be used with "look fors" for each standard, but it is not linked to the lessons in anyway. Also, it is in the front matter of the TE making it likely to be overlooked.

Materials show aspects of rigor.

Statements of appraisal and supporting evidence:
This curriculum shows aspects of rigor. Conceptual understanding was addressed by beginning each lesson with a problem that students solved independently. Procedural skill and fluency were addressed by the use of guided and worksheet based practice. Application of mathematics was supported by having some variety of extensions, such as 3 Act Math tasks, Project and STEM activities. However, the curriculum is very teacher directed and worksheet based (either paper or digital worksheets) and this detracts from the balance of rigor in the program.

Math Content Review - *Materials are reviewed for relevant criteria pertaining to the support for teachers and students in the specific reviewed content area.*

Reviewer #7	Reviewer #8	Reviewer #9
___71%____	___89%___	____57%___

Reviewer #4	Reviewer #73	Reviewer #75	Average Score
___96%____	__100%_____	__100%_____	___86%____

Materials are consistent with grade level content, supporting the intent of the delivery and understanding of mathematics.

Statements of appraisal and supporting evidence:
There are teacher notes embedded in the curriculum for giving information to support the delivery of instruction. Each topic begins with Math Background, giving the teacher important details regarding the math focus areas for that unit, as well as coherence connections to prior curriculum. This section also looks forward to areas that the curriculum follows up on or how it connects to the next grade level. The materials also contain Professional Development videos at the beginning of each topic in the on-line material, as well as classroom videos that model each of the lesson steps in the overview of the curriculum on-line. The materials were not clear in embedding the ELL supports with the whole class or if that instruction was intended for a separate time. Also, it was unclear how teachers should monitor student success with Math Practices.

Materials support student learning of mathematics.

Statements of appraisal and supporting evidence:

IM= Instructional Material SE= Student Edition TE= Teacher Edition SW= Student Workbook

Materials provided support for vocabulary development and precise language. Students were provided manipulatives in most of the activities and teachers are supposed to encourage their use to model the problem situations. The Solve and Share format of Step 1 in the lessons allows for discussion and students to direct their own thinking. Teachers are given two examples of how a student might solve the problem. However, with the exception of some of the Convince Me questions, from that point on in the lesson, the questions become much more closed in their format. These questions direct students towards a strategy with a visual learning bridge that guides them and then guided practice that directs the thinking.

Language modeled for teachers as student response generally indicates one correct answer. Students spend much of the lesson working on worksheets (either paper or electronic) where they are filling in a blank or counting prepared print based collections of items. These worksheets are generally teacher directed where a teacher is reading a narrative and students are responding to it. The curriculum does have other more open ended options in the form of one Problem Solving lesson per topic, a 3 ACT problem every other topic, vocabulary supports and a variety of activities in topic centers. However, they are not the regular basis for instruction and are supplementary to the primary lessons.

All Content Review - *Materials are reviewed for relevant criteria pertaining to the support for teachers and students in the material regarding the progression of the standards, lesson structure, pacing, assessment, individual learners and cultural relevance.*

Reviewer #7	Reviewer #8	Reviewer #9	Average Score
__84%_____	____87%___	___86%____	___85%____

Materials are consistent with the progressions in the standards.
Statements of appraisal and supporting evidence: The curriculum is organized by Topics 1 through 14. The topics progress in a logical order that matches standards from Topic 1 being Numbers 0-5, 0-10, Addition and Subtraction, 0-20, 0-100 and then the support standards are addressed in Topics 12,13,14. According to the publisher correlation guide, you can see that some of the standards are addressed in multiple units in an in-depth manner, but there are others that are not. For example, KCC7 only receives in-depth instruction in 2 lessons and KCC5 only receives in-depth coverage for 1 lesson. While many of the lessons provide repeat exposure, it is at a surface level.
Materials foster coherence through connections at a single grade, where appropriate and required by the standards.
Statements of appraisal and supporting evidence: The materials do foster coherence and connections throughout the grade level. Number topics are connected to previous and future topics and standards. Every topic starts with a page about coherence with a Look Back and a Look Ahead. Each individual lesson also includes a Lesson Overview with more annotations about past and future connections for that specific lesson. However, support content was covered at the end of the Topics (#12-14) and there aren't explicit connections to the major content of the grade level.
Materials are well designed and take into account effective lesson structure and pacing.
Statements of appraisal and supporting evidence:

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The materials are consistently designed throughout the curriculum. The same format is used for each individual lesson. Each lesson has an overview connected to the Common Core Standards for Mathematical Content. The lesson starts with a Daily Review and Today's Challenge. After this, there are three steps: Problem-Based Learning: Engage and Explore, Visual Learning: Explain, and Assess and Differentiate. However, the page numbering system and the overcrowded pages made it difficult to understand and decipher the flow of the lesson. It was difficult to understand how the information in the columns coincide with the implementation of the lesson. In terms of pacing according to the page 22 of the TEPO, lessons could range anywhere from 96 to 145 in number and lessons could take anywhere from 45-75 minutes depending on components utilized. This might result in less complete coverage of some grade level expectations. Components in the Overview such as Topic Centers, Interactive Math Story, Topic Opener, Pick a Project, 3-Act Math and the Math Practices and Problem Solving Handbook addressed concepts and standards. However, it was unclear when these components were being taught.

Materials offer teachers resources and tools to collect ongoing data about student progress on the standards.

Statements of appraisal and supporting evidence:

The materials offer teachers a variety of tools to collect ongoing data. There is a Readiness and Diagnostic Assessment that is given at the beginning of the year. There are a variety of Formative Assessments such as Observations, SCOUT Observational Assessments, Convince ME!, Guided Practice which can be used during the lesson or the Quick Check which can be used at the end of a lesson. At the end of a Topic, the Summative Assessments that can be used are the Topic Assessment Practice, Topic Assessment Masters, Topic Assessment Online, Topic Assessment by ExamView Test Generator, Topic Performance Task, Topic Performance Masters, and/or the Fluency Assessment by ExamView. The Cumulative/Benchmark assessment Masters or Online Assessments can be given after a group of Topics. At the end of the year, the summative assessment Progress Monitoring Assessment can be given.

Materials give all students extensive opportunities and support to explore key concepts.

Statements of appraisal and supporting evidence:

Approximately 70% of the materials focused on the major standards of the grade level. Clusters and topic details can be found at the beginning of the teacher's edition F5 to F19 that show the standards covered and how they repeat. Specific details about support for ELL could be found in Step 1 at the beginning of each lesson and in Step 2. Differentiation of both intervention and enrichment could be found in Step 3 of the lesson, as well as additional activity ideas. Each lesson has items for independent practice identified for a quick check. Based on student's responses to those questions, there are opportunities to further differentiate access to materials and key concepts for intervention, on-level and advanced. The program does offer suggestions for vocabulary supports as well, but it was unclear how that and some of the additional practice items and extensions fit into the pacing of the lessons.

Materials support effective use of technology to enhance student learning. Digital materials are accessible and available in multiple platforms.

Statements of appraisal and supporting evidence:

Materials support effective use of technology to enhance student learning. A digital component is accessible for teachers and students to use. Pearsonrealize.com provides digital resources such as Professional Development Videos, Animated Math Stories, Today's Challenge, Interactive Additional Practices, Practice Buddy, and Assessments. Assessments can be customized and assigned to individual students or the whole class. Sample Spanish Resources are also available in the website.

Materials can be easily customized for individual learners.

Statements of appraisal and supporting evidence:

The Digital Resources make it easy to customize for individual learners. Some of the Digital Resources that can be assigned or customized include an Interactive Student Edition, Interactive Additional Practice Workbook, Assessments, Visual Learning, Videos, Games, Activities, and the Practice Buddy. These resources are cited throughout the curriculum and can be accessed throughout the school year. Teachers are able to add or delete from the original lesson plan to customize the lesson to support individual learners. Teachers can also customize assessments to gather knowledge to be able to customize lessons to support individual learners.
Materials take into account cultural perspectives.
Statements of appraisal and supporting evidence: This was one of the weakest areas for this curriculum in terms of scoring with evidence on the rubric. There are many supports for English Language Learners, including language support for each lesson based on their WIDA level and an additional Language Support Handbook. However, it was not clear how to utilize it. Resources are also available in Spanish online, but little attention is paid to culturally relevant information. There is potential to customize some of the regular routines, such as the Today's Challenge, to make it more culturally relevant. However, it doesn't appear to be embedded or explicitly directed in the curriculum.

Reviewer Professional Summation - *These materials are reviewed by Level II and Level III educators from across New Mexico. The reviewers have brought their knowledge, experience and expertise into the review of these materials. They offer here their individual summary of the material as a whole.*

Reviewer #7 background and experience: I am a level 3 teacher with 25 years of experience in K-3 classrooms, K-5 math intervention and elementary instructional coaching for math. Currently I am a math resource teacher serving Title I elementary schools in Albuquerque Public Schools.
Professional summary of material: While this curriculum did meet much of the criteria set out in the rubrics and is aligned to standards, it was hard to follow and had too many features to implement easily and effectively. The time students spend working on closed workbook-like activities that direct student thinking was developmentally inappropriate. There weren't sufficient regular game-based practice and exploration with materials and manipulatives for Kindergarten students to develop a strong sense of quantity and number relationships. The activities that could offer students more of an opportunity to construct their own understandings seem to be optional or unclear as to how they would fit into the daily schedule, which might result in those things getting overlooked in daily implementation. The program does have good digital options and the professional development videos offered sound pedagogical information to teachers. However, I have reservations about recommending this curriculum.
Reviewer #8 background and experience: background and experience: I am a level 2 teacher with a TESOL and Bilingual endorsements. I have 6 years of experience and I am currently working as a second grade Bilingual teacher.
Professional summary of material: The material is aligned to the standards with a logical progression through the grade level. Connections between lessons and grades are established. Digital resources and assessments are provided online and available in Spanish as well. Instructional material also includes language objectives in every lesson along with suggestions to help English Language Learners. However, the implementation of this resource is not clearly integrated in the pacing of the lessons. Although lessons have an established structure, questioning in discussions is not challenging enough. Hands-on activities or

multiple strategies to help students reason in multiple ways is not evident. Furthermore, integration of cultural perspectives into the curriculum is also missing.
Reviewer #9 background and experience: I am a level 3 teacher with over 16 years of experience. I have taught every grade level at least once with the majority of my experience in K-2.
Professional summary of material: This curriculum is organized around the Common Core Standards and Standards for Mathematical practices. Each Topic and lesson has coherence and focus to guide the teacher. There are a variety of assessments and opportunities to collect data on student understanding. The Digital Resources were well organized and easy for the teacher to navigate. However, the student games and resources are not in abundance and do not directly connect to a domain. The curriculum is designed to focus on all of the different components and strategies; it does not focus on implementation or teacher guidance. It was unclear how to teach each lesson. It was difficult to understand when to use each component and strategy. The majority of the lessons were guiding students through the student workbook. The student discourse was minimal and the teacher discussion questions were one answer, closed questions. Overall, this curriculum did not support the teacher or the learning of the students.
Reviewer #4 background and experience: 13 years experience teaching K and 1st grade. TESOL endorsed and Nationally Board Certified.
Professional summary of material: The curriculum is organized and easy to follow. There is a clear progression from grade to grade, as well as a clear indication of CCSS and math practices. However, the materials are heavily reliant on workbook pages instead of hands-on activities and games that would be more engaging for young children. Much of the teacher questioning and discourse examples are close ended and do not require higher level thinking and problem solving skills.
Reviewer #73 background and experience: 19 years as a K-8 educator. Level II teacher endorsed in TESOL and Reading.
Professional summary of material: The curriculum is organized and easy to follow (print version). The standards appear to be fully taught, but there is little opportunity for hands-on learning, higher order student questionings and limited cultural perspectives. The online TE was rather difficult to navigate and takes quite some time to load. This program would not be a good fit for a school with limited broadband.
Reviewer #75 background and experience:
Professional summary of material:

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(K-8 Mathematics)

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https://webnew.ped.state.nm.us/bureaus/instructional-materials/the-adoption-cycle/

IM Title	enVision Mathematics 2020 Common Core	Publisher	Pearson Education
SE ISBN	9780134960357	TE ISBN	9780134959474
SW ISBN	N/A	Grade Level/Content	Grade 1

Core Material Designation *(Core Material is - the comprehensive print or digital educational material, including basal material, which constitutes the necessary instructional components of a full academic course of study in those subjects for which the department has adopted content standards and benchmarks.*)

Recommended ___X___ Recommended with Reservations _____ Not Recommended _____

Total Score

Reviewer #4	Reviewer #5	Reviewer #6	Average Score
__96%_____	___93%____	___93%____	___94%____

Standards Review - *Materials are reviewed for alignment with the state adopted content standards, benchmarks and performance standards.*

Reviewer #4	Reviewer #5	Reviewer #6	Average Score
__95%_____	___97%____	___96%____	___96%____

Materials align with grade level standards.
Statements of appraisal and supporting evidence: ● Alignment to grade level standards is evident throughout materials. ● Each topic includes a "Math Background: Coherence" section, which describes previous skills that will be built on in the lesson, as well as how the concepts connect to students' future learning. ● Each assessment specifies the standards that are assessed by specific questions.
Materials align to standards for mathematical practice.
Statements of appraisal and supporting evidence: ● SMPs are met and cross-referenced in the Teacher's Edition Program Overview (TEPO). ● Mathematical Practices covered with explanations are included within each lesson.

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- Mathematical Practices are embedded into each lesson and are easily implemented.

Materials show aspects of rigor.

Statements of appraisal and supporting evidence:

- Aspects of rigor were evident and strongly supported throughout the lessons.
- Rigor is well balanced throughout lessons.
- Fluency is practiced through workbook practice sheets, as well as online games and activities.

Math Content Review - *Materials are reviewed for relevant criteria pertaining to the support for teachers and students in the specific reviewed content area.*

Reviewer #4	Reviewer #5	Reviewer #6	Average Score
___96%____	__96%_____	___92%____	___95%____

Materials are consistent with grade level content, supporting the intent of the delivery and understanding of mathematics.

Statements of appraisal and supporting evidence:

- Each lesson contains an essential question related to the grade level standard, which is revisited after the Visual Learning Bridge.
- Lessons begin with a Solve and Share Activity, which presents a word problem and has students use various materials and strategies to solve and then describe and compare their strategy to others.
- Online tutorials (Visual Learning Animations) support understanding.
- Students engage in productive struggle related to prior knowledge to facilitate understanding.

Materials support student learning of mathematics.

Statements of appraisal and supporting evidence:

- Most lessons begin with the use of manipulatives or pictures of manipulatives and work to having the students solve problems with equations and then apply their understanding to solve word problems.
- Many lessons included evidence of games and interactive activities to support learning.
- Many units showed evidence of examining a standard in different ways for comprehension.

All Content Review - *Materials are reviewed for relevant criteria pertaining to the support for teachers and students in the material regarding the progression of the standards, lesson structure, pacing, assessment, individual learners and cultural relevance.*

Reviewer #4	Reviewer #5	Reviewer #6	Average Score
___96%____	___85%____	__86%_____	____89%___

Materials are consistent with the progressions in the standards.

Statements of appraisal and supporting evidence:

- Grade level progressions are evident in all lessons.
- Each lesson “looks back” and “looks ahead” for coherence.
- Standards progression stated in Teacher Edition Program Overview (TEPO).

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Materials foster coherence through connections at a single grade, where appropriate and required by the standards.
Statements of appraisal and supporting evidence: ● Coherence connections evident at the beginning of each lesson. ● Cross-Cluster Connections are stated in Lesson Overview. ● Pick-a-Project helps foster connections in standards. ● STEM Projects are included with each topic, which connect the math concepts to science as well as writing in a journal.
Materials are well designed and take into account effective lesson structure and pacing.
Statements of appraisal and supporting evidence: ● Pacing guide is found in Teacher Edition Program Overview (TEPO). ● Clock at the top of page denotes minutes allotted for each segment of the lesson. ● Lesson structure goes from concrete to abstract.
Materials offer teachers resources and tools to collect ongoing data about student progress on the standards.
Statements of appraisal and supporting evidence: ● Lessons contain a Quick Check at the end, which highlight certain questions in the student work pages that can be used to determine student understanding of the skills. ● Each topic includes an assessment and a performance task to assess student understanding. ● Digital material offers a report of students' performance and progress.
Materials give all students extensive opportunities and support to explore key concepts.
Statements of appraisal and supporting evidence: ● Activity centers, additional practice, and intervention strategies are available both in paper and digital form. ● Suggestions for ELL support are included at the beginning of each lesson, during the Solve and Share Activity, as well as during the Visual Learning Bridge. ● Reteach and enrichment activities are included with each lesson.
Materials support effective use of technology to enhance student learning. Digital materials are accessible and available in multiple platforms.
Statements of appraisal and supporting evidence: ● Digital materials are accessible through multiple platforms and can be accessed from home on a tablet (Homework). ● The Visual Learning Bridge is offered in the online materials as a quick video to be presented to students. ● Math tools and auto-scored assessments are available in online resources. ● Online lessons and math tools foster collaboration and understanding.
Materials can be easily customized for individual learners.
Statements of appraisal and supporting evidence: ● Online classrooms allow teachers to assign worksheets, tutorials and games to individual students. ● Lessons Activity centers and "Pick a project" give students choice and meet the needs of many learners. ● Teacher can select lessons, tutorials, and worksheets for individual students to be accessed through online classroom.
Materials take into account cultural perspectives.
Statements of appraisal and supporting evidence:

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- Although some communication with family and discussion of family traditions were evident (through projects), the materials as a whole were weak in this area.
- Kids and pictures are depicted as multicultural.
- Materials use effective culturally-relevant teaching strategies.

Reviewer Professional Summation - *These materials are reviewed by Level II and Level III educators from across New Mexico. The reviewers have brought their knowledge, experience and expertise into the review of these materials. They offer here their individual summary of the material as a whole.*

Reviewer #4 background and experience: 12 years' experience as a K and 1st grade teacher. NBCT teacher, TESOL endorsed.
Professional summary of material: The curriculum is balanced in all areas of rigor. Application problems are evident in all topics of study. Lesson structure facilitates conceptual understanding, by going from concrete to abstract with emphasis on critical thinking and problem solving. Fluency is developed daily in Daily Review. Additional fluency is clear in games, fluency practice and independent practice. Online materials are abundant and thorough. Home connection is weak, although all materials and tutorials can be accessed by a home computer, tablet or phone. Manipulatives are encouraged in most lessons and online tools/manipulatives are extensive. Pick a project and problem-solving learning mats encourage cross-curriculum engagement and enrichment. Lessons are well organized and easy to follow.
Reviewer #5 background and experience: 15 Years classroom experience in both general and special education. 6 Years teaching experience in 3rd Grade, Master's Degree in Mathematical Education
Professional summary of material: Materials are strong in supporting core mathematical content both in paper and digital lesson supports. Lessons move from concrete to abstract, and supports are available for every level of learning through the unit. Many lessons include activities to support learning and student engagement. Lessons are thorough and support learning for all students. Academic language/vocabulary support is evident in each lesson. Student workbook included page numbers in both numeral and written form, which supports reading fluency. Lessons were well organized and easy to navigate. There is ample support for ELL students, but evidence of culturally responsive teaching is weak. More support is needed in this area. The 3-Act math piece and project choices are well presented and lead to critical thinking while supporting conceptual understanding.
Reviewer #6 background and experience: 10 years teaching experience in both special education and elementary education. TESOL endorsed with a Master's degree in Language, Literature and Multicultural studies
Professional summary of material: This curriculum incorporates multiple ways to engage students with the math content by offering various activities, including STEM projects, research projects, and interactive math stories. The online content offers teachers and students support in instructional strategies, as well as practice through games and learning videos/activities. All aspects of rigor and mathematical practices are embedded in each lesson. Support for varying levels of learners is an emphasis of each lesson as well. Assessment is incorporated online or paper/pencil into each lesson, at the end of topics and across multiple topics.

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Review Team Appraisal of Title

(K-8 Mathematics)

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IM Title	enVision Mathematics 2020 Common Core	Publisher	Pearson Education
SE ISBN	9780134960364	TE ISBN	9780134959481
SW ISBN	N/A	Grade Level/Content	Grade 2

Core Material Designation *(Core Material is - the comprehensive print or digital educational material, including basal material, which constitutes the necessary instructional components of a full academic course of study in those subjects for which the department has adopted content standards and benchmarks.*)

Recommended __X____ Recommended with Reservations _____ Not Recommended _____

Total Score

Reviewer #4	Reviewer #5	Reviewer #6	Average Score
___91%____	___95%____	___96%____	__94%_____

Standards Review - *Materials are reviewed for alignment with the state adopted content standards, benchmarks and performance standards.*

Reviewer #4	Reviewer #5	Reviewer #6	Average Score
___94%____	___97%____	___98%____	__96%_____

Materials align with grade level standards.
Statements of appraisal and supporting evidence: ● All Standards are met through the materials. ● Alignment is evident throughout materials. ● Each topic includes a "Math Background: Coherence" section, which describes previous skills that will be built on in the lesson, as well as how the concepts connect to students' future learning. ● Each assessment specifies the standards that are assessed by specific questions. ● Scope and sequence for grades K-12 in Teacher's Edition Program Overview (TEPO).
Materials align to standards for mathematical practice.
Statements of appraisal and supporting evidence: ● Standards for Mathematical Practice (SMPs) are met and very evident in the materials.

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- SMPs are cross-referenced in the TEPO.
- SMPs are covered with explanations included within each lesson.
- SMPs are embedded into each lesson and are easily implemented.

Materials show aspects of rigor.

Statements of appraisal and supporting evidence:

- Aspects of rigor were evident and strongly supported throughout the lessons.
- Rigor is well balanced throughout lessons.
- Fluency is met through workbook practice sheets, as well as online games and activities.
- High level conceptual problems and discussion are provided.
- A good variety of single and multi-step real world problems are provided.
- Mental math strategies are highlighted.
- Rigor is evident in all online materials as well.

Math Content Review - *Materials are reviewed for relevant criteria pertaining to the support for teachers and students in the specific reviewed content area.*

Reviewer #4	Reviewer #5	Reviewer #6	Average Score
__79%_____	___96%____	___96%____	___90%____

Materials are consistent with grade level content, supporting the intent of the delivery and understanding of mathematics.

Statements of appraisal and supporting evidence:

- Students engage in productive struggle related to prior knowledge to facilitate understanding.
- Essential questions are related to the grade level standard.
- Online tutorials (Visual Learning Animations) support text to further understanding.
- Structure of lessons is clear and concise.
- Lessons begin with a Solve and Share Activity, which presents a word problem and has students use various materials and strategies to solve and then describe and compare their strategy to others, which supports delivery.

Materials support student learning of mathematics.

Statements of appraisal and supporting evidence:

- Lessons involve concrete representations of math concepts that move from the concrete to the abstract and application by the end of each lesson.
- The concepts being taught in each topic are connected to previous and future learning of the students.
- Questions that require higher level thinking and DOK understanding is incorporated throughout each lesson.

All Content Review - *Materials are reviewed for relevant criteria pertaining to the support for teachers and students in the material regarding the progression of the standards, lesson structure, pacing, assessment, individual learners and cultural relevance.*

Reviewer #4	Reviewer #5	Reviewer #6	Average Score
___85%____	__88%_____	___93%____	____89%___

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Materials are consistent with the progressions in the standards.
Statements of appraisal and supporting evidence: ● Pacing Guide and Scope and Sequence clarify that curriculum can be completed within a school year and teaches all the 2nd grade standards. ● Coherence is included with each topic to explain how standards being taught connect with prior learning as well as future learning expectations. ● Lessons, assessments, and project activities list the standards being addressed.
Materials foster coherence through connections at a single grade, where appropriate and required by the standards.
Statements of appraisal and supporting evidence: ● Pick A Project activities connect math learning to literacy, science, and social studies standards. ● Assessment questions address at least one standard. ● Problem Solving lesson at the end of each topic addresses most of the standards taught throughout that topic, with the focus of a mathematical practice.
Materials are well designed and take into account effective lesson structure and pacing.
Statements of appraisal and supporting evidence: ● Online and student workbook components include visuals and diagrams that support student learning. ● Lessons progress from concrete to abstract understanding of the concepts. ● Application, fluency, and concept development are naturally embedded through each lesson.
Materials offer teachers resources and tools to collect ongoing data about student progress on the standards.
Statements of appraisal and supporting evidence: ● Formative assessment points are included at various points throughout the lessons. ● Intervention suggestions are based on student performance on formative and summative assessments. ● Rubrics with list standards and DOK levels are included with each of the assessments.
Materials give all students extensive opportunities and support to explore key concepts.
Statements of appraisal and supporting evidence: ● Enrichment and reteach opportunities are included at the end of each lesson. ● ELL teaching strategies are included in each lesson. ● Pick A Project activities allow students to further explore content and apply the standards to other subjects.
Materials support effective use of technology to enhance student learning. Digital materials are accessible and available in multiple platforms.
Statements of appraisal and supporting evidence: ● Digital materials to support learning are available in all topics. ● Interactive activities and games also support learning and are highly engaging. ● Digital activities and games are accessible from home and for use on a tablet.
Materials can be easily customized for individual learners.
Statements of appraisal and supporting evidence: ● Pick-a-Project activities allows for choice for students to expand ideas in areas of high interest. ● Online materials can be assigned based on student need. ● Online games and “Another Look Video” can be assigned to students online as needed. ● Reteaching and Enrichment materials, games, and activities are included in each Lesson.
Materials take into account cultural perspectives.

IM= Instructional Material SE= Student Edition TE= Teacher Edition SW= Student Workbook

Statements of appraisal and supporting evidence:

- Communication with family through a topic newsletter and discussion of family traditions were evident (through projects). However, cultural perspectives were not noted in materials.
- Kids and pictures are depicted as multicultural.
- Materials use effective culturally-relevant teaching strategies.

Reviewer Professional Summation - *These materials are reviewed by Level II and Level III educators from across New Mexico. The reviewers have brought their knowledge, experience and expertise into the review of these materials. They offer here their individual summary of the material as a whole.*

Reviewer #4 background and experience: 12 years' experience as a K and 1st grade teacher. NBCT teacher, TESOL endorsed.

Professional summary of material:

Lesson structure facilitates conceptual understanding, by going from concrete to abstract with emphasis on critical thinking and problem solving. Fluency is developed daily in daily review, games, fluency practice, and independent practice. Online materials are abundant and thorough. Home connection is weak, although all materials and tutorials can be accessed by a home computer, tablet, or phone. Manipulatives are encouraged in most lessons and online tools/manipulatives are extensive. Pick a project and problem-solving learning mats encourage cross-curriculum engagement and enrichment. Project-based learning is evident, but could be stronger and more culturally based. Lessons are well organized and easy to follow. Problem-based learning experience is a refreshing approach.

Reviewer #5 background and experience: 15 Years classroom experience in both general and special education. 6 Years teaching experience in 3rd Grade, Master's Degree in Mathematical Education

Professional summary of material:

Materials are well aligned to the standards, and math practices are listed and easily identified in lessons. The materials are well organized and easy to navigate. Ample supports are included to support varying levels of teaching experience in execution of lessons. Conceptual development is strong throughout lessons and builds naturally from lesson to lesson. Ample supports are embedded in each lesson for ELL students, but evidence of culturally responsive teaching is very weak. More support is needed in this area. The 3-Act math piece and project choices are well presented and lead to critical thinking while supporting conceptual understanding. Rigor is well balanced in all examined topics.

Reviewer #6 background and experience: 10 years teaching experience in both special education and elementary education. TESOL endorsed with a Master's degree in Language, Literature and Multicultural studies

Professional summary of material:

These materials include a variety of ways for students to explore and apply the math concepts to other content areas. Materials naturally challenge students to apply the math practice standards to their everyday learning. The rigor of questioning and conversation is effective for teaching CCSS. Differentiation strategies are included in the centers activities as well as at various points throughout each lesson. Various forms of assessment are included, such as performance tasks and projects. All three aspects of rigor are balanced throughout the curriculum.

IM= Instructional Material SE= Student Edition TE= Teacher Edition SW= Student Workbook

Review Team Appraisal of Title

(K-8 Mathematics)

This appraisal form is provided for use by educators responsible for the selection of instructional materials for implementation with districts and charter schools across New Mexico to meet the needs of their student populations.

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https://webnew.ped.state.nm.us/bureaus/instructional-materials/the-adoption-cycle/

IM Title	enVision Mathematics 2020 Common Core	Publisher	Pearson Education
SE ISBN	9780134960371	TE ISBN	9780134959498
SW ISBN	N/A	Grade Level/Content	Grade 3

Core Material Designation *(Core Material is - the comprehensive print or digital educational material, including basal material, which constitutes the necessary instructional components of a full academic course of study in those subjects for which the department has adopted content standards and benchmarks.*)

Recommended ___X___ Recommended with Reservations _____ Not Recommended _____

Total Score

Reviewer #19	Reviewer #20	Reviewer #21	Average Score
__96.50%_____	___97.33%____	___97.33%____	__97.06%_____

Standards Review - *Materials are reviewed for alignment with the state adopted content standards, benchmarks and performance standards.*

Reviewer #19	Reviewer #20	Reviewer #21	Average Score
___96.91%____	___96.91%____	___96.91%____	___96.91%____

Materials align with grade level standards.
Statements of appraisal and supporting evidence: Within the curriculum, there is evidence that the standards and lessons provided do align with the Common Core Standards for 3rd grade and the expectations. The Program Overview has content pages for all of the 16 topics and standards for each topic are listed on that page. The coherence of the standards are addressed, as well as the supporting standards. There are various opportunities for students to interact with the 3rd grade Common Core Standards and demonstrate their knowledge of the standards and supporting skills. Some of these include the student workbook pages, Pick a Project tasks, 3 Act Math, and STEM activities. The standards are also listed in the student materials.

IM= Instructional Material SE= Student Edition TE= Teacher Edition SW= Student Workbook

Materials align to standards for mathematical practice.
Statements of appraisal and supporting evidence: Math practices are infused and explicitly highlighted in the lesson instruction. The thinking involved in math practices is modeled during direct instruction. At the start of each topic, there is a mathematical practices overview section for all of the lessons in the topic. It indicates areas of the lessons where each mathematical practice are evident along with a brief example and page number. The digital component has a problem solving and math practices handbook that explains the math practices, gives students examples of ways to use the thinking habits, and provides additional lessons and resources that highlight the practice. In the student materials, the math practices are listed for each lesson.
Materials show aspects of rigor.
Statements of appraisal and supporting evidence: At the beginning of each topic, a resource page is provided on how rigor is evident in the lessons. Samples of Conceptual Understanding, Procedural Skill and Fluency and Application are provided. The content is developed with rigor. The attention to rigor reflects an appropriate balance of conceptual understanding, procedural skill and fluency, and application. In the Teacher's Edition, the information about rigor is in the Topic Overviews and Lesson Overviews. The tasks and activities embedded in the curriculum for students have all three aspects of rigor and are clearly visible. There are multiple opportunities throughout the entire program to have a balance of rigor for students to engage in the math standards and demonstrate their thinking and knowledge.

Math Content Review - *Materials are reviewed for relevant criteria pertaining to the support for teachers and students in the specific reviewed content area.*

Reviewer #19	Reviewer #20	Reviewer #21	Average Score
__92.86%_____	___100%____	___96.43%____	__96.43%_____

Materials are consistent with grade level content, supporting the intent of the delivery and understanding of mathematics.
Statements of appraisal and supporting evidence: In the Engage and Explore section, the lesson plan provides the teacher with resources to use in each part of the lesson. The before, during, and after the lesson shows how to manage the task with individual, small group, and whole class time. Blue font is provided to support teachers with questions to ask students to guide their instruction. A lesson video is provided at the start of each lesson that can support student learning of the skill and also introduces lesson vocabulary. Effective Teaching Practices contain a Visual Learning Bridge that offers teachers higher cognitive demand questions to deepen the learning of students. All of the mathematical practices are embedded within the questioning and tasks students are asked to complete. The quick check at the end of lessons provides teachers a way to assess the learning that occurred in the lesson. Clear directions on how to score and use this formative assessment tool are given. RTI support is offered for teachers along with three levels of RTI options. Teachers can also identify specific standards that correlate to a specific math problem to better support students, as they progress through the 4th grade standards.

IM= Instructional Material SE= Student Edition TE= Teacher Edition SW= Student Workbook

Materials support student learning of mathematics.
Statements of appraisal and supporting evidence: A concrete, representational, and abstract instructional model enhances students' conceptual understanding. Students deepen their conceptual knowledge when they have multiple opportunities to engage in the math at all three levels. This program provides a variety of experiences for students to make connections and understand the math. Instructional model supports student learning in print, digital, or blended classrooms. The consumable and online component increase student engagement. Students develop a deeper understanding of math ideas, as they explain their thinking and solve rich problems. A family letter is also provided to parents and/or caregivers and provides an overview of each topic presented in class. This allows families the opportunity to engage in their child's learning and understand the skills and concepts being learned in class to better support them. The digital materials also provide students with the lessons and practice pages, which can be accessed at home.

<u>All Content Review</u> - *Materials are reviewed for relevant criteria pertaining to the support for teachers and students in the material regarding the progression of the standards, lesson structure, pacing, assessment, individual learners and cultural relevance.*

Reviewer #19	Reviewer #20	Reviewer #21	Average Score
__96.43%_____	___98.17%____	__98.78%_____	__97.76%_____

Materials are consistent with the progressions in the standards.
Statements of appraisal and supporting evidence: The content overview section provides a visual for teachers to see all of the sixteen topics with corresponding lessons along with the main cluster domains. In the program overview, there is a Big Ideas in Mathematics pages. The Big Ideas are the conceptual underpinnings of the program and provide cohesion across lessons, topics, and grades. The progressions are listed for kindergarten through fifth grade. In each lesson overview, there is a Look Back and a Look Ahead progression heading that targets what students learned in the previous lesson or grades and what is in the next lesson. A Scope and Sequence section is provided that demonstrates the main mathematical domains along with the learning progressions of the standards from kindergarten through 5th grade. This demonstrates the progression of standards as students advance through the grades and build on previously taught skills. A list of the mathematical practices is also provided and evident in each grade level.
Materials foster coherence through connections at a single grade, where appropriate and required by the standards.
Statements of appraisal and supporting evidence: In the lesson overview, there is a coherence tab that contains a Look Back and a Look Ahead progression heading, which targets what students learned in the previous lesson and what is in the next lesson. In the program overview, book coherence is discussed and focuses on coherence across grades, topics, clusters and domains, and coherence across various lessons. This is important information for teachers as they are making connections across multiple standards within the grade level.
Materials are well designed and take into account effective lesson structure and pacing.

IM= Instructional Material SE= Student Edition TE= Teacher Edition SW= Student Workbook

Statements of appraisal and supporting evidence:
The lesson structure provided in the teacher's edition gives students ample time to think alone, work with a partner or group, and share their strategies with the whole group. The time frame for each lesson takes between 45 and 75 minutes.

A pacing guide is provided in the Teacher's Edition Program Overview and indicates a 144 day math curriculum. It shows teachers the given topics and number of lessons in each. This allows the teacher and/or districts to plan accordingly when planning lessons for effective pacing. Additional resources are provided for teachers who need more teaching and learning materials.

Materials offer teachers resources and tools to collect ongoing data about student progress on the standards.

Statements of appraisal and supporting evidence:
The types of assessments offered by the program include readiness assessments to assess what students already know, formative assessments to inform instruction, and summative assessments to determine what students have learned. The students are able to participate in various forms of assessments. These include multiple choice, multi-select, open response, matching, tables, and more. These formats of assessment items help prepare students for major assessments. Online assessments include technology enhanced items with features, such as drag and drop. Teachers have access to edit student information and organize students into groups, based on assessment data using the Assessment Data tool. Assessment materials are available in print or in the digital resource.

Materials give all students extensive opportunities and support to explore key concepts.

Statements of appraisal and supporting evidence:
Materials give all students ample opportunities to explore key concepts in a variety of ways, such as student workbook activities, end of unit assessments, online games, STEM activities, and the Pick a Project tasks. This allows students to demonstrate their knowledge in a variety of ways while integrating math skills with other content areas to increase learning opportunities.

Within the lesson, students are able to explore the content in various ways. Students use a variety of models and strategies to explore the concept. Embedded in every lesson is an extension problem that allows for deeper exploration of the key ideas. There are numerous intervention activities offered to the teacher to support students at all levels. These include reteach to build understanding, build mathematical literacy, and enrichment.

Materials support effective use of technology to enhance student learning. Digital materials are accessible and available in multiple platforms.

Statements of appraisal and supporting evidence:
One of the digital components is the Realize Scout Observational Assessment. This tool gives teachers the opportunity to record observations and pictures of student work in response to math questions. The student work samples can be utilized at parent teacher conferences and to guide specific intervention for students.

The Interactive Buddy Practice online allows K-5 students to access interactive practice of the skills with auto scoring of the math problems. The Visual Learning Animation Plus component gives students the opportunity to explore math concepts in a given lesson online with step by step guidance of the skill in a visual way.

These materials can be accessed through a variety of internet browsers and technology platforms that are available in the classroom. For example, this curriculum can be downloaded as an app on a tablet.

IM= Instructional Material SE= Student Edition TE= Teacher Edition SW= Student Workbook

Materials can be easily customized for individual learners.
Statements of appraisal and supporting evidence: Within the lesson overview sections, there is English Language Learner support that provides teacher guidance for students that are entering, emerging, and developing, along with examples for each level. Each topic has a differentiated instruction page that includes resources and activities for ongoing, strategic, and intensive interventions. There are numerous intervention activities offered to the teacher to support students at all levels. These include reteach to build understanding, build mathematical literacy, and enrichment. There is a math and reading connection for each topic. Each problem-solving leveled reading mat has on-level and below-level text, as well as a connected math activity to meet the needs of individual students.
Materials take into account cultural perspectives.
Statements of appraisal and supporting evidence: In this curriculum, students are given various opportunities to engage with their current cultural experiences, as well as other students' cultural background too. This occurs working with the 3-Act Math activities, STEM Connections, Pick a Project activities, and the interactive reading mats. These tasks allow students to interact with the math while drawing on personal experiences and cultural background. The pictures and cartoon drawings of people represented in the curriculum include a combination of males and females, as well as various ethnic backgrounds. Within word problems, there are a variety of ethnic names in the SE and other materials. There are supports built into the program for second language learners. These include visual supports like an animated glossary and the visual learning bridge. There is also a language support handbook that is available in a digital format.

Reviewer Professional Summation - *These materials are reviewed by Level II and Level III educators from across New Mexico. The reviewers have brought their knowledge, experience and expertise into the review of these materials. They offer here their individual summary of the material as a whole.*

Reviewer #19 background and experience:
Professional summary of material: The program is connected to the Common Core State Standards and provides teachers with a cohesive plan for instruction based on research. Teaching best practices are visible and the teacher materials are easy to follow. The program offers students a chance to develop a deep conceptual understanding and apply what they have learned across a variety of math standards. Students also engage in rich tasks that help them make connections to other standards in math, science, social studies, reading, and writing. The mathematical practices are highlighted throughout the materials and reflect an important emphasis on these deep thinking habits. The program offers many components that support teachers and students in the delivery and learning of the lessons. The mathematical practices are highlighted throughout the student work and prevail in the student thinking.
Reviewer #20 background and experience:
Professional summary of material: This curriculum offers various materials for the teacher to fit the needs of all student learners. There are digital and print materials for both the teacher and students to access to enhance the learning of the standards. The organization of the TE is clearly presented with the given standards, mathematical

practices, and guided questions. Ample opportunities are provided for students to demonstrate their understanding in projects such as the STEM activities, 3-Act Math tasks and the Pick a Project.
Reviewer #21 background and experience:
Professional summary of material: This program is very rich with digital resources for instruction and learning. The materials in this curriculum provide clear guidance supports for teachers and learning of specific CCSS for student learning. This material is organized for successful teaching and student learning. There are multiple resources for students to engage in practice for conceptual learning, fluency, and practice. I feel this curriculum is designed for successful teaching.

Review Team Appraisal of Title

(K-8 Mathematics)

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https://webnew.ped.state.nm.us/bureaus/instructional-materials/the-adoption-cycle/

IM Title	enVision Mathematics 2020 Common Core	Publisher	Pearson Education
SE ISBN	9780134960388	TE ISBN	9780134959504
SW ISBN	N/A	Grade Level/Content	Grade 4

Core Material Designation *(Core Material is - the comprehensive print or digital educational material, including basal material, which constitutes the necessary instructional components of a full academic course of study in those subjects for which the department has adopted content standards and benchmarks.*)

Recommended __X____ Recommended with Reservations _____ Not Recommended _____

Total Score

Reviewer #19	Reviewer #20	Reviewer #21	Average Score
___97%____	___97.83%____	__100%_____	___98.28%____

Standards Review - *Materials are reviewed for alignment with the state adopted content standards, benchmarks and performance standards.*

Reviewer #19	Reviewer #20	Reviewer #21	Average Score
__97.45%_____	__97.45%_____	__100%_____	__98.29%_____

Materials align with grade level standards.
Statements of appraisal and supporting evidence: This curriculum contains evidence that the standards and lessons provided do align with the Common Core Standards for 4rd grade and the expectations. The Program Overview has content pages for all of the 16 topics and standards for each topic are listed on that page. The coherence of the standards is addressed in the program overview and in every lesson, as well as the supporting standards. There are various opportunities for students to interact with the 4th grade Common Core Standards and demonstrate their knowledge of the standards and supporting skills. Some of these include the student workbook pages, Pick a Project tasks, and STEM activities. The standard objectives and mathematical

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practices are also listed in the student materials. Within the SE, students are provided with "I can" statements of understanding regarding the standards.

Materials align to standards for mathematical practice.

Statements of appraisal and supporting evidence:
Math practices are infused and explicitly highlighted in the lesson instructions. The thinking involved in math practices is modeled during direct instruction. At the start of each topic, there is a mathematical practices overview section for all of the lessons in the topic. There are a variety of math practices represented in each topic. It indicates areas of the lessons where each mathematical practice is evident, along with a brief example and page number. In the student materials, the math practices are listed for each lesson. This allows students to engage further with the math standards and make ongoing connections with their mathematical thinking.

The digital components of this curriculum have a problem solving and math practices handbook that explains the math practices, gives students examples of ways to use the thinking habits, and provides additional lessons and resources that highlight the practice. Within the TE, The Math Practices and Problem Solving Handbook includes a rubric that can be used to assess students' knowledge of the math practices and provides scoring from 4, which is exemplary, to 1, which needs improvement. This provides the teacher with information on the levels of development. There is a list of student behaviors that would help in assessing student proficiency with each of the standards. In addition, animations are provided for students to utilize that go over each math practice, and these animations can be used during core instruction to support discussion of the math practices for all students.

Materials show aspects of rigor.

Statements of appraisal and supporting evidence:
At the beginning of each topic, a resource page is provided on how rigor is evident in the lessons. Samples of Conceptual Understanding, Procedural Skill and Fluency, and Application are provided. The content is developed with rigor and the attention to rigor reflects an appropriate balance of conceptual understanding, procedural skill and fluency, and application. In the Teacher's Edition, the information about rigor is in the Topic Overviews and Lesson Overviews. The tasks and activities embedded in the curriculum for students have all three aspects of rigor and are clearly visible. There are multiple opportunities throughout the entire program to have a balance of rigor for students to engage in the math standards and demonstrate their thinking and knowledge.

The concepts of rigor of conceptual understanding and application are evident in the "Solve & Share," where students are explicitly engaging in a productive struggle that builds understanding by connecting prior knowledge to new ideas. Cumulative/Benchmark Assessments are provided for students to assess what they know related to the standards. Several questions draw on students' knowledge of conceptual understanding where they need to apply their understanding. For the assessments, it provides the Depth of Knowledge level for each question in the item analysis for diagnosis and intervention.

Math Content Review - *Materials are reviewed for relevant criteria pertaining to the support for teachers and students in the specific reviewed content area.*

Reviewer #19	Reviewer #20	Reviewer #21	Average Score
__92.86%_____	__92.86%_____	___100%____	_95.24%_____

IM= Instructional Material SE= Student Edition TE= Teacher Edition SW= Student Workbook

Materials are consistent with grade level content, supporting the intent of the delivery and understanding of mathematics.
Statements of appraisal and supporting evidence: The Engage and Explore section provides the teacher with resources before, during, and after the lesson in a variety of settings, such as whole class and small group. Blue font is provided to support teachers with questions to ask students to guide their instruction. A lesson video is provided at the start of each lesson that can support student learning of the skill and also introduces lesson vocabulary prior to starting. Effective Teaching Practices contain a Visual Learning Bridge that offers teachers higher cognitive demand questions to deepen the learning of students. All of the mathematical practices are embedded within the questioning and tasks students are asked to complete. The quick check at the end of lessons provides teachers a way to formatively assess the learning that occurred in the lesson. Clear directions on how to score and use this formative assessment tool are given. RTI support is offered for teachers along with three levels of RTI options. Teachers can also identify specific standards that correlate to a specific math problem to better support students as they progress through the 4th grade standards. The program offers additional projects like the Pick a Project or 3 ACT Math tasks that give students an opportunity to make mathematical connections and delve more deeply into the math.
Materials support student learning of mathematics.
Statements of appraisal and supporting evidence: This program provides a variety of experiences for students to make connections and understand the math. A concrete, representational ,and abstract instructional model enhances students' conceptual understanding. Students deepen their conceptual knowledge when they have multiple opportunities to engage in the math at all three levels. Instructional model supports student learning in print, digital, or blended classrooms. The consumable and online component increases student engagement. Students develop a deeper understanding of math ideas as they explain their thinking and solve rich problems. A family letter is also provided to parents and/or caregivers and provides an overview of each topic presented in class. This allows families the opportunity to engage in their child's learning and understand the skills and concepts being taught in class to better support them. The digital materials also provide students with the lessons and practice pages which can be accessed at home.

<u>All Content Review</u> - *Materials are reviewed for relevant criteria pertaining to the support for teachers and students in the material regarding the progression of the standards, lesson structure, pacing, assessment, individual learners and cultural relevance.*

Reviewer #19	Reviewer #20	Reviewer #21	Average Score
__96.34%_____	__99.39%_____	___100%____	_98.58%_____

Materials are consistent with the progression in the standards.
Statements of appraisal and supporting evidence: The content overview section, provides a visual for teachers to see all of the sixteen topics with corresponding lessons along with the main cluster domains. In the program overview, there is a Big Ideas

in Mathematics pages. The big ideas are the conceptual underpinnings of the program and provide cohesion across lessons, topics, and grades. The progressions are listed for kindergarten through fifth grade. In each lesson overview, there is a Look Back and a Look Ahead progression heading that targets what students learned in the previous lesson or grades and what is in the next lesson. A Scope and Sequence section is provided that demonstrates the main mathematical domains along with the learning progressions of the standards from kindergarten through 5th grade. This Scope and Sequence allows teachers to customize the lesson to support the needs of students within their classroom. This demonstrates the progression of standards as students advance through the grades and build on previously taught skills. A list of the mathematical practices is also provided and evident in each grade level. The materials can be easily rearranged by districts to reflect pacing guides and backwards planning options.

Materials foster coherence through connections at a single grade, where appropriate and required by the standards.

Statements of appraisal and supporting evidence:
In the lesson overview, there is a coherence tab that contains a Look Back and a Look Ahead progression heading that targets what students learned in the previous lesson and or grades such as 3rd grade, and what is in the next lessons for 4th grade.

At the beginning of each topic, the standards are provided for all of the lessons in the Topic Planner section and gives an overview of these standards and corresponding mathematical practices. Coherence for each topic is presented in the Math Background section for each topic and specifies what students worked on and learned in 3rd grade, and then what they will work on while in 4th grade as the curriculum progresses. In the program overview book, coherence is discussed and focuses on coherence across grades, topics, clusters and domains, and coherence across various lessons. This is important information for teachers, as they are making connections across multiple standards within the grade level.

Materials are well designed and take into account effective lesson structure and pacing.

Statements of appraisal and supporting evidence:
The lesson structure provided in the teacher's edition gives students ample time to think alone, work with a partner or group, and share their strategies with the whole group. The time frame for each lesson takes between 45 and 75 minutes.
A pacing guide is provided in the Teacher's Edition Program Overview and indicates a 144 day math curriculum. It shows teachers the given 16 topics and number of lessons in each. This allows the teacher and/or districts to plan accordingly when planning lessons for effective pacing. Additional resources are provided for teachers who need more teaching and learning materials. This includes a 10 Step-Up Lesson plan to use at the end of the year or in a summer school program.

Materials offer teachers resources and tools to collect ongoing data about student progress on the standards.

Statements of appraisal and supporting evidence:
The types of assessments offered by the program include readiness assessments to assess what students already know, formative assessments to inform instruction, and summative assessments to determine what students have learned. The students are able to participate in various forms of assessment types. These include multiple choice, multi-select, open response, matching, tables, and more. These formats of items help prepare students for major assessments. Online assessments include technology enhanced items with features such as drag and drop. Teachers have access to edit student information and organize students into groups based on assessment data using the Assessment Data tool. Assessment materials are available in print or in the digital resource.

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Several projects are provided in each of the 16 topics to students including the 3 Act Math, STEM Activities, Pick a Project, and the Performance Tasks. These can be both formative and summative assessment for the teacher depending on how they are utilized within the classroom. These projects allow students to engage in their learning and take ownership as they make connections and apply learning across several standards and mathematical practices. Students can demonstrate their thinking and overall understanding of standards, and the teacher can utilize this information as an ongoing tool to collect data.

Materials give all students extensive opportunities and support to explore key concepts.

Statements of appraisal and supporting evidence:

Materials give all students ample opportunities to explore key concepts in a variety of ways, such as student workbook activities, end of unit assessments, online games, STEM activities, and the Pick a Project tasks. This allows students to demonstrate their knowledge in a variety of ways while integrating math skills with other content areas to increase learning opportunities. For example, the Problem-Solving Leveled Reading Mats give students the opportunity to build and enhance mathematical literacy through interactive math stories. These Leveled Reading Mats have two sides, one is on grade level text and the second is below grade level text.

Within the lesson, students are able to explore the content in various ways. Students use a variety of models and strategies to explore the concept. Embedded in every lesson is an extension problem that allows for deeper exploration of the key ideas. There are numerous intervention activities offered to the teacher to support students at all levels. These include reteach to build understanding, build mathematical literacy, and enrichment.

Materials support effective use of technology to enhance student learning. Digital materials are accessible and available in multiple platforms.

Statements of appraisal and supporting evidence:

One of the digital components is the Realize Scout Observational Assessment. This tool gives teachers the opportunity to record observations and pictures of student work in response to math questions. The student work samples can be utilized at parent teacher conferences and to guide specific intervention for students.

The Interactive Buddy Practice online allows k-5 students to access interactive practice of the skills with auto scoring of the math problems. The Visual Learning Animation Plus, Visual Learning Bridge, and Animated Glossary components give students the opportunity to explore math concepts in a given lesson online with step by step guidance of the skill in a visual way. At the start of each lesson, a video is provided to introduce the lesson and corresponding vocabulary words; these can be played for additional support for all students.

These materials can be accessible through a variety of internet browsers and technology platforms that are available in the classroom. For example, this curriculum can be downloaded as an app on a tablet.

Materials can be easily customized for individual learners.

Statements of appraisal and supporting evidence:

Within the lesson overview section, there is English Language Learner support that provides teacher guidance for students that are entering, emerging, and developing, along with examples for each level. Each topic has a differentiated instruction page that includes resources and activities for ongoing, strategic, and intensive interventions. There are numerous intervention activities offered to teacher to support students at all levels. These include reteach to build understanding, build mathematical literacy,

and enrichment. There is a math and reading connection for each topic. Each problem-solving leveled reading mat has an on-level and below-level text and connected math activity to meet the needs of individual students.

The lesson is accessible in both print and digital, and can be rearranged to fit the needs of schools and districts. Multiple digital resources are available for the enrichment and support of student learning and professional development for teachers.

Materials take into account cultural perspectives.

Statements of appraisal and supporting evidence:
In this curriculum, students are given various opportunities to engage with their current cultural experiences, as well as other students' cultural background, as they work with the 3-Act Math activities, STEM Connections, Pick a Project activities, and the interactive reading mats. Some of these projects are specific to the diversity of our state and reflect the cultural experiences of students in New Mexico. These tasks allow students to interact with the math perhaps drawing on personal experiences and cultural background.

The pictures and cartoon drawings of people represented in the curriculum include a combination of males and females as well as various ethnic backgrounds. Within word problems, there are a variety of ethnic names in the SE and other materials. There are supports built into the program for second language learners. These include visual supports like an animated glossary and the visual learning bridge. There is also a language support handbook that is available in a digital format for teachers to access.

Reviewer Professional Summation - *These materials are reviewed by Level II and Level III educators from across New Mexico. The reviewers have brought their knowledge, experience and expertise into the review of these materials. They offer here their individual summary of the material as a whole.*

Reviewer #19 background and experience:

Professional summary of material:
The program is connected to the Common Core State Standards and provides teachers with a cohesive plan for instruction based on research. Teaching best practices are visible and the teacher materials are easy to follow. The program offers students a chance to develop conceptual understanding, practice what they have learned, and apply their knowledge in rich activities and tasks. The mathematical practices are highlighted throughout the program and there are ample opportunities for discourse in the classroom. There are a variety of assessments that can aid teachers in making informed decisions to best meet the needs of their students.

Reviewer #20 background and experience:

Professional summary of material:
This curriculum offers various materials for the teacher to fit the needs of all student learners. Many components are included that support the needs of struggling reading or English Language Learners through teacher guidance and Problem Solving Leveled Reading Mats. Digital and print materials for both the teacher and students are available to enhance the learning of the standards. The organization of the TE is clearly presented with the given standards, mathematical practices, and guided questions. Ample opportunities are provided for students to demonstrate their understanding in projects such as the STEM activities, 3-Act Math tasks, and the Pick a Project. This allows students to take ownership of their learning as they integrate math skills with cross curricular standards and specific New Mexico connections.

IM= Instructional Material SE= Student Edition TE= Teacher Edition SW= Student Workbook

Reviewer #21 background and experience:
Professional summary of material: This program is very rich with digital resources for instruction and learning. The materials in this curriculum provides clear guidance supports for teachers and learning of specific CCSS for student learning. The organization of this material is organized for successful teaching and student learning. There are multiple resources for students to engage in practice for conceptual learning, fluency, and practice. I feel this curriculum is designed for successful teaching. This curriculum provides ELL support to guide teachers and enrich student learning.

Review Team Appraisal of Title

(K-8 Mathematics)

This appraisal form is provided for use by educators responsible for the selection of instructional materials for implementation with districts and charter schools across New Mexico to meet the needs of their student populations.

This appraisal form should be used in conjunction with the publisher provided Form D: Research Based Effectiveness Determination that supports this reviewed material which can be found on the Instructional Material Bureau website.

https://webnew.ped.state.nm.us/bureaus/instructional-materials/the-adoption-cycle/

IM Title	enVision Mathematics 2020 Common Core	Publisher	Pearson Education
SE ISBN	9780134960395	TE ISBN	9780134959511
SW ISBN	N/A	Grade Level/Content	Grade 5

Core Material Designation *(Core Material is - the comprehensive print or digital educational material, including basal material, which constitutes the necessary instructional components of a full academic course of study in those subjects for which the department has adopted content standards and benchmarks.*)

Recommended ___X___ Recommended with Reservations _____ Not Recommended _____

Total Score

Reviewer #73	Reviewer #74	Reviewer #75	Average Score
____97%___	__98%_____	___95%____	___97%____

Standards Review - *Materials are reviewed for alignment with the state adopted content standards, benchmarks and performance standards.*

Reviewer #73	Reviewer #74	Reviewer #75	Average Score
____96%___	__97%_____	___96%____	___97%____

Materials align with grade level standards.
Statements of appraisal and supporting evidence: The curriculum aligned with the grade level standards with all grade level standards being taught to completion during the academic school year. The Teacher's Edition Program Overview for Grade 5 contains information on correlation and a content guide. In addition, a Scope and Sequence is provided.
Materials align to standards for mathematical practice.
Statements of appraisal and supporting evidence: Materials align with the standards for mathematical practice and are covered thoroughly across all aspects of the curriculum. In each lesson for each Topic, major standards for mathematical practice as well as supporting standards for mathematical practice are identified. In addition, there are items in the student edition that are specific to the standards for mathematical practice.

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Materials show aspects of rigor.
Statements of appraisal and supporting evidence: All student assignments follow the expectations of rigor as students move through each topic. There are multiple opportunities for conceptual understanding, procedural skills & fluency, and application to be addressed across the curriculum. The teacher's guide indicates what aspects are addressed more in depth at the introduction of each lesson. The student edition offers material specific to fluency practice. However, these materials focus solely on addition and multiplication.

Math Content Review - *Materials are reviewed for relevant criteria pertaining to the support for teachers and students in the specific reviewed content area.*

Reviewer #73	Reviewer #74	Reviewer #75	Average Score
____100%___	___100%____	___93%____	__98%_____

Materials are consistent with grade level content, supporting the intent of the delivery and understanding of mathematics.
Statements of appraisal and supporting evidence: The teacher's guide offers ample support for the teacher to accurately present grade level content. There are various examples to help the educator with the delivery of instruction, as well as suggestions for aiding in student understanding of mathematics.
Materials support student learning of mathematics.
Statements of appraisal and supporting evidence: The curriculum has plenty of strategies, suggestions, and materials to support student learning. The student book has plenty of practice problems and guides students over topics for an in-depth understanding of concepts. The digital format has plenty of options in aiding student learning as well.

All Content Review - *Materials are reviewed for relevant criteria pertaining to the support for teachers and students in the material regarding the progression of the standards, lesson structure, pacing, assessment, individual learners and cultural relevance.*

Reviewer #73	Reviewer #74	Reviewer #75	Average Score
_____98%__	__100%_____	____92%___	__97%_____

Materials are consistent with the progressions in the standards.
Statements of appraisal and supporting evidence: The standards follow a consistent progression for best approach in teaching students concepts and skills. The instructional materials do not offer mathematical content in the sequence of the standards. However, the arrangement is cohesive and supports student learning.
Materials foster coherence through connections at a single grade, where appropriate and required by the standards.
Statements of appraisal and supporting evidence: The curriculum follows a developmental progression that offers better cohesion across concepts and skills for better student understanding and practice at grade level. There are multiple opportunities to foster coherence with grades beyond and prior to current grade level standards.

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Materials are well designed and take into account effective lesson structure and pacing.
Statements of appraisal and supporting evidence: The lesson planner in the Teacher's guide has good structure and pacing for all topics and lessons. It is an in-depth overview of all concepts covered and provides support to address standards during lesson instruction. There is a good step-by-step plan to follow. In addition, the Topics can be rearranged using Pearson Realize in order to follow district curriculum mapping.
Materials offer teachers resources and tools to collect ongoing data about student progress on the standards.
Statements of appraisal and supporting evidence: The digital format of the curriculum gives teachers the capability of monitoring progress as students are assessed using the digital assessments. There are also items in the student practice book where students show their understanding of the mathematics in the Topics.
Materials give all students extensive opportunities and support to explore key concepts.
Statements of appraisal and supporting evidence: There are ample opportunities for students to explore key concepts. The student books give plenty of practice, and the digital format offers videos, links, games, and more support material not found in student books.
Materials support effective use of technology to enhance student learning. Digital materials are accessible and available in multiple platforms.
Statements of appraisal and supporting evidence: The Pearson Realize digital application is easy to navigate through and functions well with multiple formats. Students get login and password set-up for ability to access from home. Teachers can download resources onto a device for students to work on at home, even if they do not have internet access.
Materials can be easily customized for individual learners.
Statements of appraisal and supporting evidence: The Pearson Realize digital application has customizable options to help educators plan for individual learner needs. There are numerous activities to be assigned, as well as an option to create additional content.
Materials take into account cultural perspectives.
Statements of appraisal and supporting evidence: All student material is available in Spanish. This addresses much of the cultural perspectives of citizens in New Mexico. The material presents a variety of cultural perspectives in photos and videos provided for student learning. The given word problems represent real life situations of a multicultural society.

Reviewer Professional Summation - *These materials are reviewed by Level II and Level III educators from across New Mexico. The reviewers have brought their knowledge, experience and expertise into the review of these materials. They offer here their individual summary of the material as a whole.*

Reviewer #73 background and experience: K-8 educator with 19 years' experience.
Professional summary of material: The enVision program thoroughly covers the 5th grade common core standards. The TE provides excellent guidance and support for teachers of all levels, including new teachers. The level of support built into the TE for learners of all abilities and backgrounds is extensive. The SE is user friendly and appears to be engaging for the students. We appreciated the opportunities for differentiation through the Pick a Project portion of each topic and the addition of discourse through the Solve & Share at the beginning of each lesson.

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Reviewer #74 background and experience: Educator of 19 years in grades K, 2, 6, and middle school
Professional summary of material: The enVision curriculum offers plenty of material to thoroughly cover fifth grade common core standards. The student practice book provides plenty of practice to master the content along with plenty of fluency practice along the way. The TE provides the teacher with many strategies, suggestions, modifications, and differentiation opportunities to address all learners. There is support for ELLs and the curriculum is also published in Spanish. The Pearson Realize digital component offers all material of the curriculum digitally; teachers and students can access all material from home.
Reviewer #75 background and experience: The reviewer is a K-8 educator, with 15 years' experience, who has been recognized nationally for her mathematics teaching.
Professional summary of material: The instructional materials are strong in mathematical practices, offering multiple opportunities for students to use these math practices to demonstrate their understanding of grade level mathematical content. All standards are addressed in depth and students are offered print and digital opportunities for practice. The spiral review in the student practice is not strong as only addition and multiplication are reviewed.