Revised 6-14-2021

USER GUIDE



How to Analyze Evaluation Results



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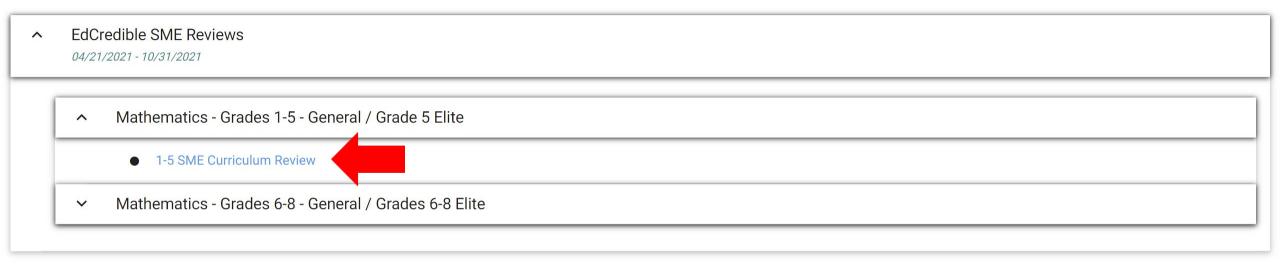


Instructional Materials Reviews





Evaluation Results



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|--|--|--|--|--|---|--|--|--|
| 1-5 SME Curriculum Review Scorecard UAE Mathematics Instructional Materials Evaluation Tool Mathematics - Grades 1-5 - General / Grade 5 Elite | | | | | | | | |
| FILTER | | | | | | | | |
| Response Keys: 3 Strong Alignment 2 Moderate Alignment 0 No Evidence of Alignment | | | | | | | | |
| Calculation Detail Average View Results Detail Pie chart Order Product By Name | UAE Grade 1 General Stream Math - EdCredible IM Reviews | UAE Grade 2 General Stream Math - EdCredible IM Reviews | UAE Grade 3 General Stream Math - EdCredible IM Reviews | UAE Grade 4 General Stream Math - EdCredible IM Reviews | UAE Grade 5 General / Elite Stream Math - EdCredible IM Reviews | | | |
| Scores Hide Show | UAE Grade 1 General Stream Math | UAE Grade 2 General Stream Math | UAE Grade 3 General Stream Math | UAE Grade 4 General Stream Math | UAE Grade 5 General / Elite Stream Math | | | |
| | Score 54 UAE Grade 1 General Stream Math | Score 52 UAE Grade 2 General Stream Math | Score 50 UAE Grade 3 General Stream Math | Score 54 UAE Grade 4 General Stream Math | Score 55 UAE Grade 5 General / Elite Stream Math | | | |
| 2. Presentation | | 14.3% | 14.3% | | 42.9% | | | |

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1-5 SME Curriculum Review Scorecard

UAE Mathematics Instructional Materials Evaluation Tool

Mathematics - Grades 1-5 - General / Grade 5 Elite

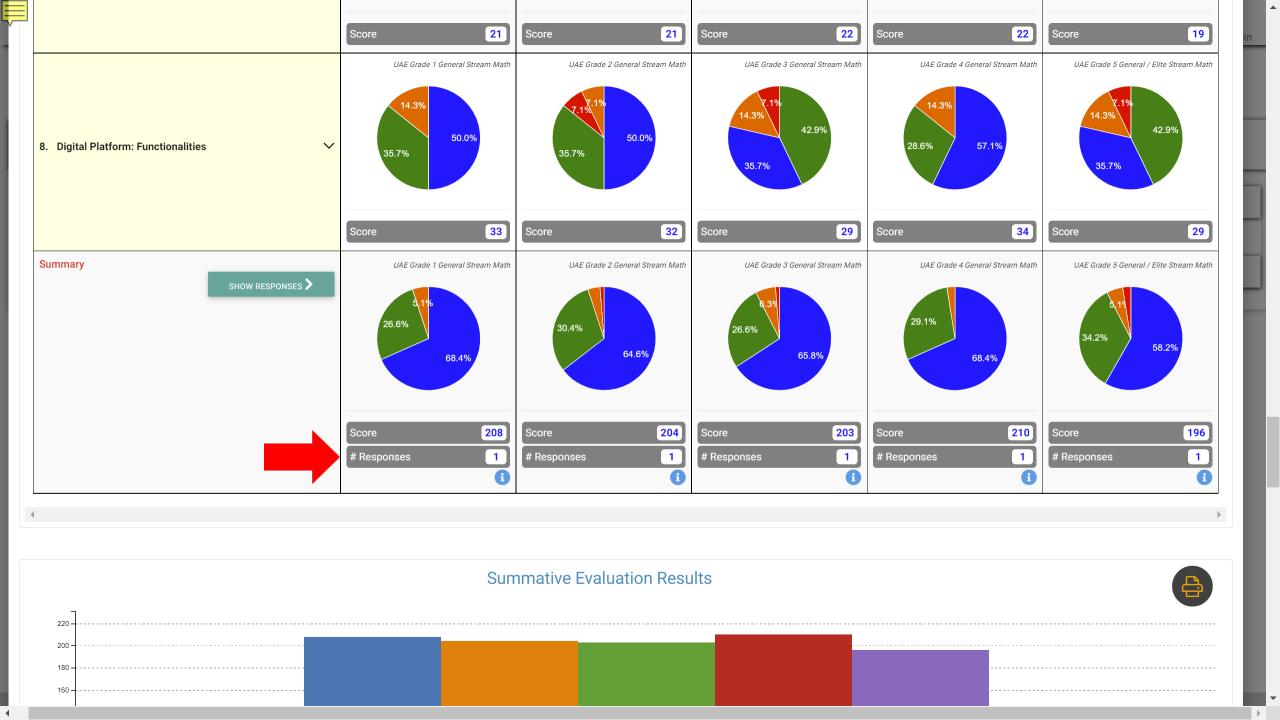
| Role - Select All select one or more role Product - Select All - Clear × UAE Grade 1 General Stream Math - EdCredible IM Reviews User Groups - Select All select/type to search by name Evaluator - Select All select/type to search by name Submit Status - Select All - Clee × Submitted × Pending | └ × UAE Grade 2 General Stream Math · | EdCredible IM Reviews × UAE Grade | e 3 General Stream Math - EdCredible I | M Reviews | | | |
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| 3 Strong Alignment 2 Moderate Alignment 1 Minimal Alignment 0 No Evidence of Alignment | | | | | | | |
| CalculationDetailAverageView ResultsDetailPie chartOrder Product ByNameV | UAE Grade 1 General Stream Math - EdCredible IM Reviews | UAE Grade 2 General Stream Math - EdCredible IM Reviews | UAE Grade 3 General Stream Math - EdCredible IM Reviews | UAE Grade 4 General Stream Math - EdCredible IM Reviews | UAE Grade 5 General / Elite Stream Math - EdCredible IM Reviews | | |
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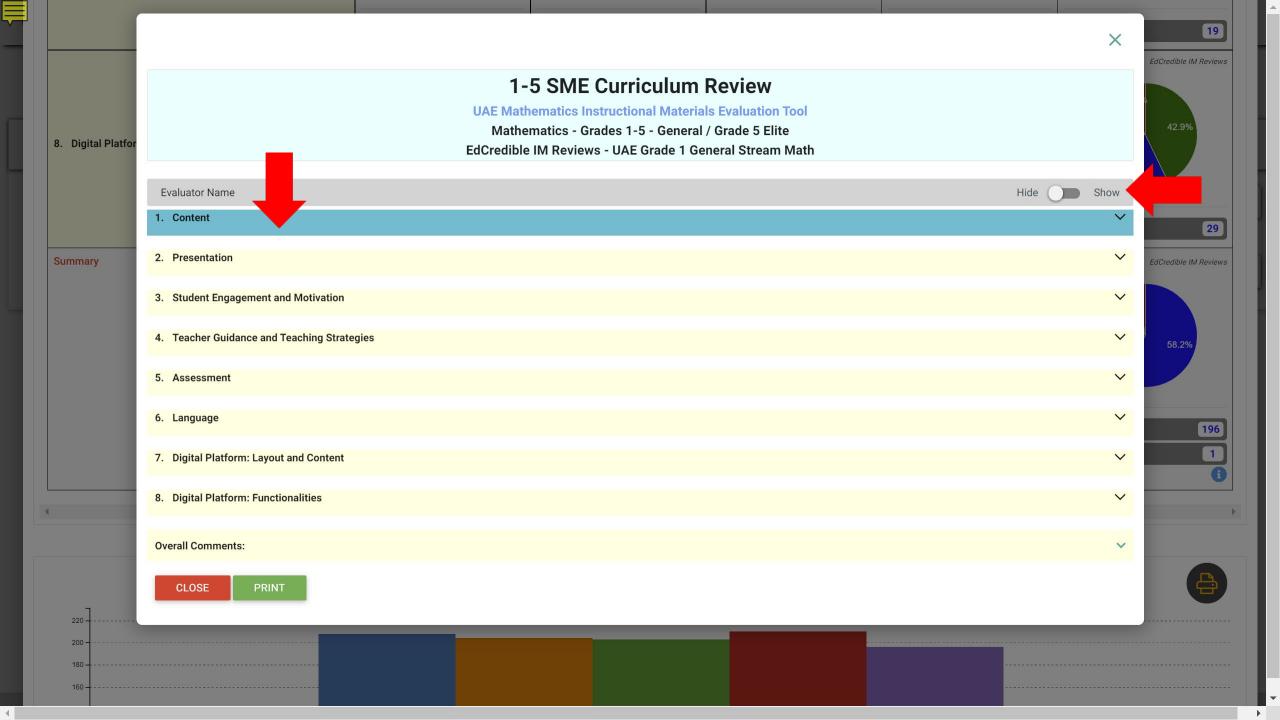
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1-5 SME Curriculum Review

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UAE Mathematics Instructional Materials Evaluation Tool

Mathematics - Grades 1-5 - General / Grade 5 Elite EdCredible IM Reviews - UAE Grade 1 General Stream Math

| Evaluator Name | Hide Show |
|-----------------|--------------|
| 1. Content | \checkmark |
| | |
| 2. Presentation | ^ |

1.Learning outcomes for units, modules, themes or lessons are clearly identified.

District Administrator

Strong Alignment

Learning outcomes are clearly identified by the lesson objective at the beginning of each lesson. Examples:

Chapter 8 Lesson 2 "Compare and Order Lengths", the learning objective is "Students will compare and order the lengths of objects." This matches the Learning Outcome 1MAT.3.02.07.002: Compare and order the lengths of objects.

Chapter 10 Lesson 4 "Combine Three-Dimensional Shapes", the learning objective is "Students will combine three-dimensional shapes to create a composite shape." This matches the Learning Outcome MAT.3.06.02.010: Combine three-dimensional shapes to make a composite shape.

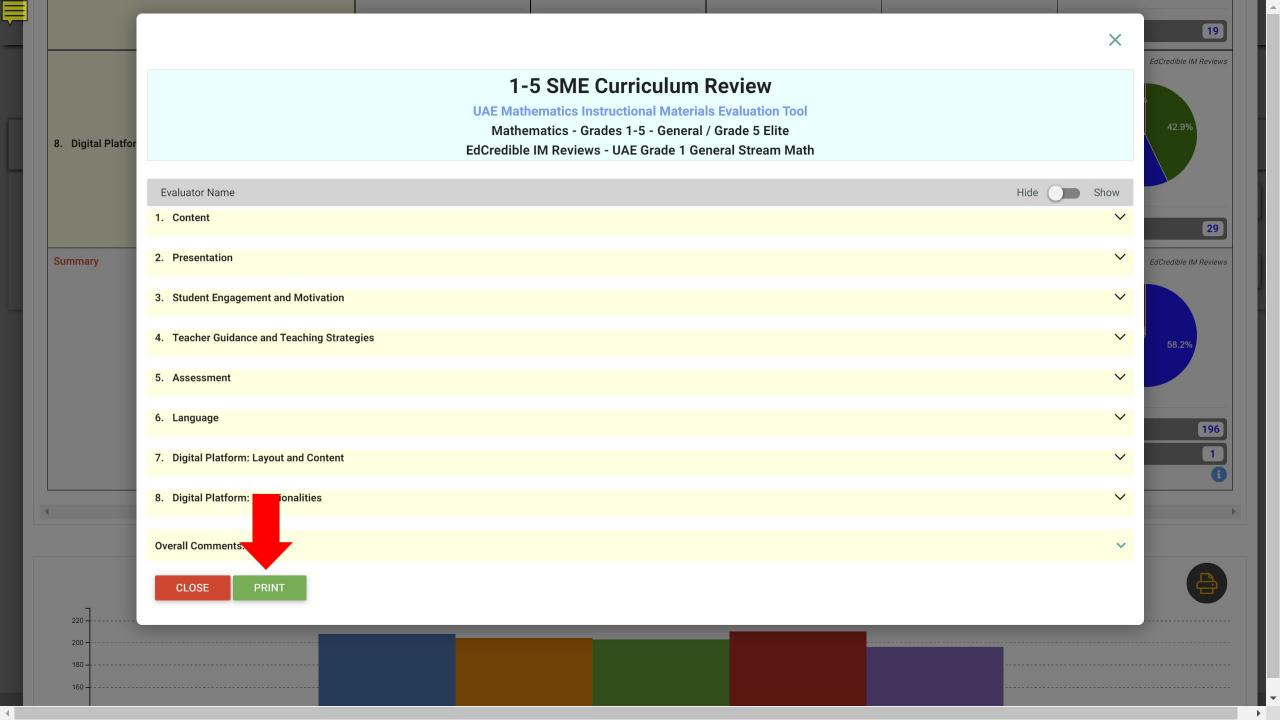
In every chapter, the section "What's the Math in this Chapter?" identifies what students should understand and be able to do, and this correlates to the learning outcomes. Each chapter has an essential questions students answer by the end of the chapter.

2. The instructional materials are user-friendly (include table of contents, glossary, index, outlines, key concepts, drop-down menus).

3. The instructional materials have a visible structure and format (at a glance features e.g. chapter headings, subheadings, highlighting, etc.).

4. The content uses proper grammar, linguistics, terminology, definitions, descriptions, and visuals that contribute to the accuracy of the text narrative.

5. The individual concepts are represented in a variety of ways including text, images, video, graphic organizers, simulations, etc.



District Administrator

Strong Alignment

The content is designed for first grade learners and is developmentally appropriate. Evidence of consideration for various readiness levels and performance levels is found in the differentiated instruction activities and the structure of lessons that progress in level of rigor. Various needs of students can be met with differentiation of lessons and response to intervention activities. Differentiated language acquisition activities (example: Chapter 2, lesson 3 page 125A) are listed in each lesson and support students' usage of vocabulary while deepening understanding of math concepts. Lesson content challenges students while keeping within the Grade 1 Learning Outcomes.

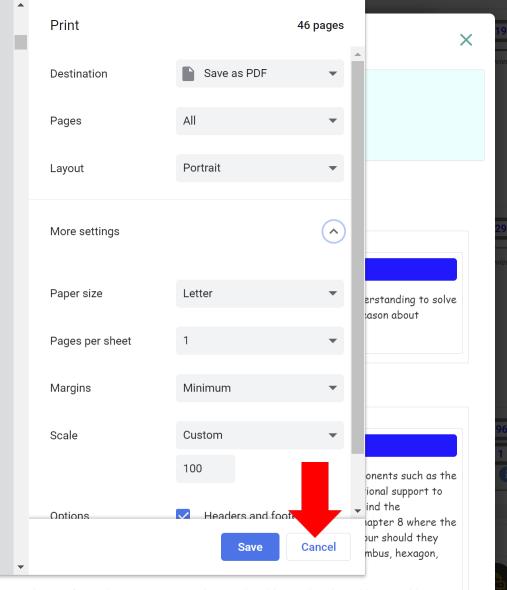
4. The content and pacing are effectively presented for students to perceive, understand and apply.

District Administrator

Moderate Alignment

The grade 1 content is presented effectively and is suitable for first grade students, although the pace moves quickly and there is only one lesson for each of the Learning Outcomes. Content is presented with developmentally-appropriate print and wording making it effective for first graders to understand. Font color is used to emphasize key math vocabulary and words within story problems that may be new to students. Color coding is used to assist students in matching text shown in charts and graphs as shown in Chapter 7 Lesson 4. The appropriate amount of content appears on each student page in the student book so that pages are not overcrowded and students are not overwhelmed by the amount of content per page. Each lesson contains 2 or sometimes 3 problem-solving situations but those are the only application questions for each Learning Outcome. According to the pacing guide, the suggested time frame is to take 1 or 2 days per lesson. In a chapter with 13 lessons, the suggested days for teaching is 19. With one lesson on each Learning Outcome and proper differentiating instruction, it makes it challenging to teach concepts like telling time to the half hour or to identify and describe triangles and trapezoids without supplementing learning beyond the lessons provided in the textbook thereby taking more time than what is suggested in the planning guide.

5. The total amount of content is viable for a school year.



<u>Matific:</u> In Matific, teachers can assign practice activities that focus on topics mentioned above. For example, there are lessons focused on computation and on word problems related to addition problem structures like unknown first addend, unknown second addend and subtraction structures like missing subtrahend and missing minuend. These are not instructional tutoring sessions but more of practice to build fluency and accuracy. The telling time activities for grade 2 in Matific are focused on fluency and accuracy in telling time, not on the instructional aspect of how to tell time.

3. The content is developmentally appropriate for the stage of attainment, student ability, and level of language acquisition.

District Administrator

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1-5 SME Curriculum Review

UAE Mathematics Instructional Materials Evaluation Tool Mathematics - Grades 1-5 - General / Grade 5 Elite EdCredible IM Reviews - UAE Grade 1 General Stream Math

1. Content

1. The content aligns with UAE Curriculum Framework goals and values.

District Administrator

Strong Alignment

The content aligns fairly well with the UAE Curriculum Framework goals and values. The first grade content reviewed will provide students with the necessary conceptual and procedural understanding to solve real-world problems. There are opportunities within the content to keep all students challenged at their level and to have sufficient experiences to work independently or within groups to reason about mathematics in solving problems and refining skills.

2. The content aligns with the UAE curriculum framework for the particular subject and grade level.

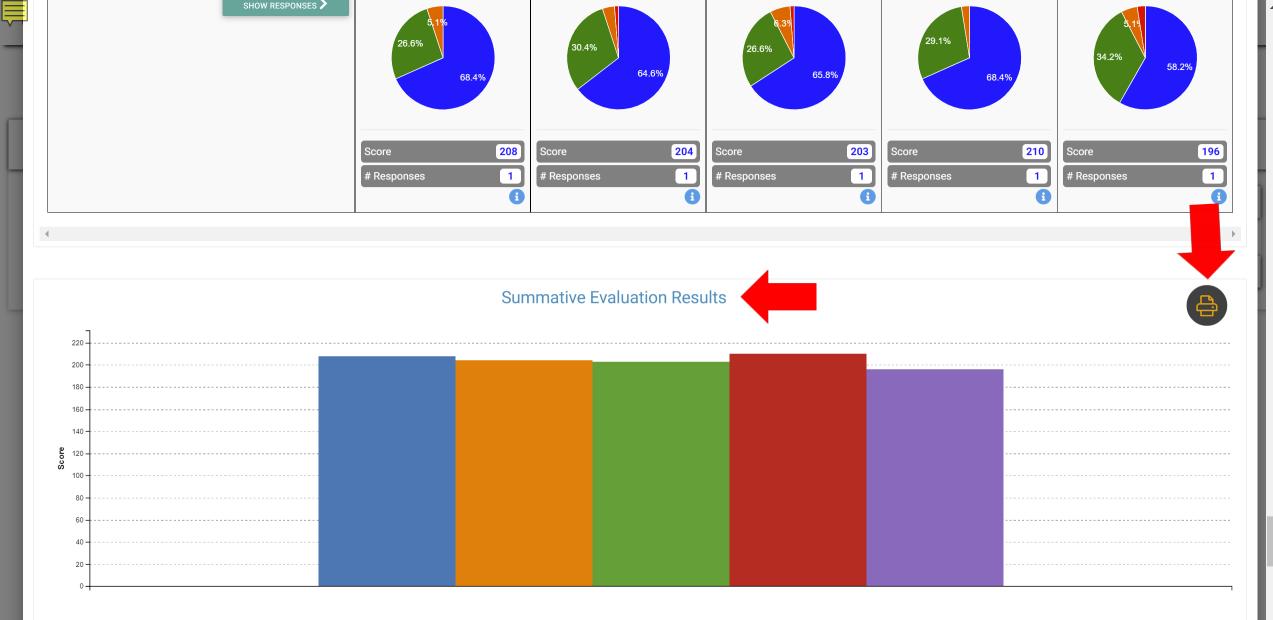
District Administrator

Strong Alignment

The first grade mathematics content aligns well with the UAE Curriculum Framework. Every grade 1 Learning Outcome matches to a lesson within the book, and this is supplemented by components such as the Interactive Student Guide, online tutorials, practice games, practice worksheets, virtual manipulatives, and demonstration videos. Teachers will need to add to a few areas that require additional support to truly meet the Standards. For example, addition and subtraction problems in the book are all in one format of "result unknown" where they put together items to get a sum or take away to find the difference. First graders need opportunities to add and subtract with the unknown in different places in the equation and to apply this in problem solving situations. Another example is in Chapter 8 where the Chapter Review items related to time only assess elapsed time which is not part of the Learning Outcome. Teachers will need to add questions that assess telling time to the hour and half hour should they use that review. Teachers may also need to seek resources to clarify shapes shown in the book in the Two-Dimensional Shapes and Three-Dimensional Shapes chapters where the shapes rhombus, hexagon, and sphere are shown but not labeled or mentioned in the teacher edition.

<u>Matific:</u> In Matific, teachers can assign practice activities that focus on topics mentioned above. For example, there are lessons focused on computation and on word problems related to addition problem structures like unknown first addend, unknown second addend and subtraction structures like missing subtrahend and missing minuend. These are not instructional tutoring sessions but more of practice to build fluency and accuracy. The telling time activities for grade 2 in Matific are focused on fluency and accuracy in telling time, not on the instructional aspect of how to tell time.

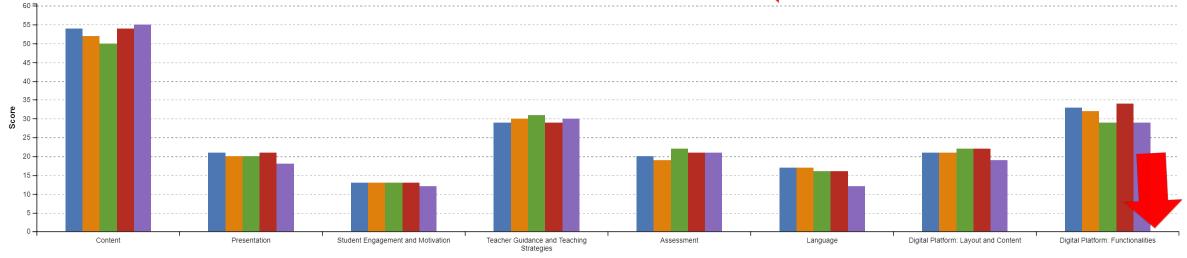
3. The content is developmentally appropriate for the stage of attainment, student ability, and level of language acquisition.



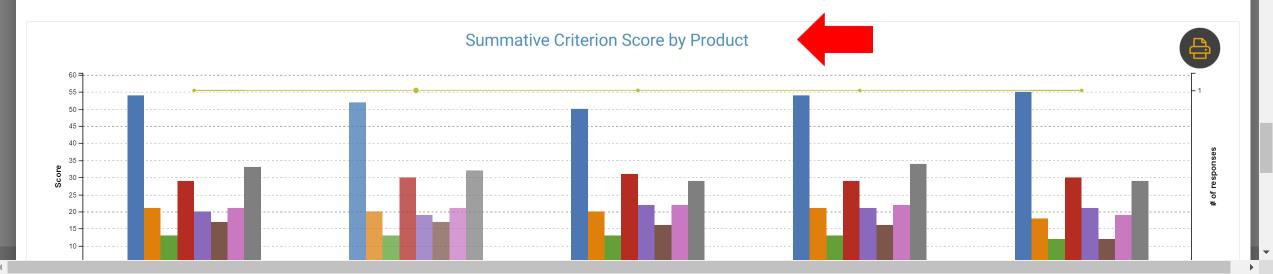
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Summative Product Score by Criterion



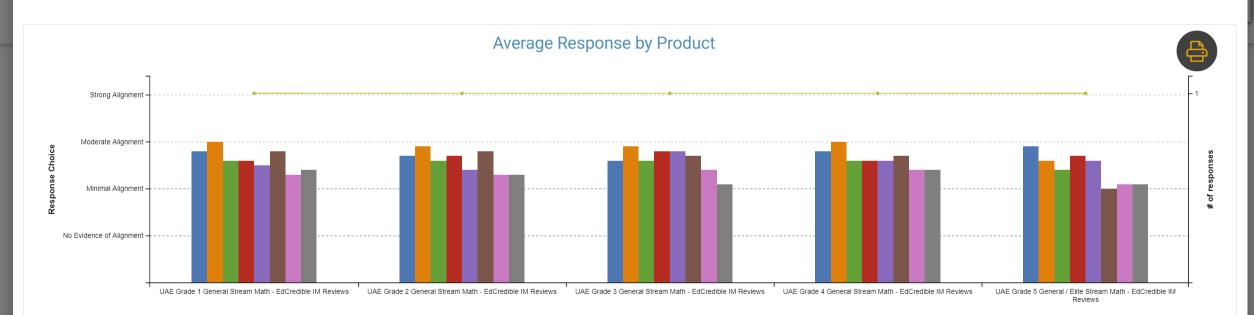


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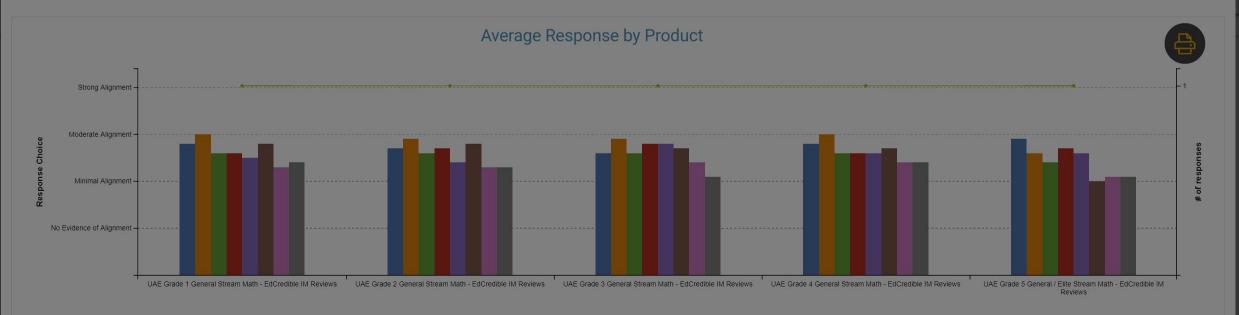


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📕 Content 📕 Presentation 📕 Student Engagement and Motivation 📕 Teacher Guidance and Teaching Strategies 📕 Assessment 📕 Language 📕 Digital Platform: Layout and Content 📕 Digital Platform: Functionalities 📕 # of responses

| Evidence of Aligr | Print Scorecard | | |
|-------------------|---|---|-------------------|
| | Include Questions | | |
| | ✓ Include Question & Reviewer Responses | | |
| | Layout | | latform: Functior |
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| E Grade 3 G | | | |



E Content Cont

PRINT CLOSE

1-5 SME Curriculum Review Scorecard

UAE Mathematics Instructional Materials Evaluation Tool

Mathematics - Grades 1-5 - General / Grade 5 Elite

| Response Keys: 4 Strong Alignment 3 Moderate Alignment 2 Minimal Alignment | No Evidence of Alignmeter | nent | Γ | | | |
|---|---------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| Calculation | Detail Average | UAE Grade 1 General Stream Math - | UAE Grade 2 General Stream Math - | UAE Grade 3 General Stream Math - | UAE Grade 4 General Stream Math - | UAE Grade 5 General / Elite Stream Math - |
| View Results | Detail Pie chart | EdCredible IM Reviews |
| Order Product By | Name • | | | | | |
| Scores | Hide Show |] | | | | |
| 1.Content | | UAE Grade 1 General Stream Math | UAE Grade 2 General Stream Math | UAE Grade 3 General Stream Math | UAE Grade 4 General Stream Math | UAE Grade 5 General / Elite Stream Math |
| | | Score 54 | Score 52 | Score 50 | Score 54 | Score 55 |
| 1. The content aligns with UAE Curriculum Framework goals and values. | | UAE Grade 1 General Stream Math | UAE Grade 2 General Stream Math | UAE Grade 3 General Stream Math | UAE Grade 4 General Stream Math | UAE Grade 5 General / Elite Stream Math |

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