2017-2018 WCSD CAP Algebra Program Evaluation Rubric

Evaluator Number

23

Includes a fully web-based version of the complete text, including interactive, and multimedia features appropriate for student use, including home use, and accessible on a variety of digital devices and operating systems.

May include supplemental digital materials and enhancements such as virtual manipulatives, interactive games, and video appropriate for collaborative and individual learning environments. May include online professional development components and additional instructional planning resources for teachers.

May include resources in other languages (Spanish for our two-way immersion schools).

Program -	***1***	***2***	***3***	***4***	***5***	***6***	***7***	***8***	***9***
Does not occur	○	○	○	○	○	○	○	○	○
Sometimes occurs	○	○	○	○	○	○	○	○	○
Frequently occurs	○	○	●	○	○	○	●	○	●
Consistently occurs	●	●	○	●	●	●	○	○	○

Comments or concerns

(1) Flexibly available in print or on the web for just teacher or combo of student and teacher.
(2) It's all here but I find the materials a little less creative with different problem types than (1)
(3,10) Web based is available but it may not be interactive.
(4,8) There is even an app for students on their phones and a personal trainer.
(5,6) App for tablets and home use.
(7).Interactive math coach will be adaptive and helpful.
(9) will be interactive but not adaptive - does this make sense for special education?

Includes a balanced assessment program with a variety of formative assessments and a monitoring component.

Program -	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Does not occur	○	○	○	○	○	○	○	○	○
Sometimes occurs	○	○	●	○	○	○	○	○	●
Frequently occurs	○	○	○	○	●	●	●	○	○
Consistently occurs	●	●	○	●	○	○	○	●	○

Comments or concerns

(1) assessments at all times and types. Teachers can build their own from these examples.
(2) Assessment for pre/post of chapter and unit.. Also linked to Aleks which makes this very powerful.
(3,10) Assesments are much harder to find and use. In the case of special education this is more critical.
(4,8) Suitable pre - and full assessments and full Assesments.
(5,6,7) Easiest when done electronically but these are all here,

Provides Differentiated Instruction including the needs of diverse learners

Program -

	1	2	3	4	5	6	7	8	9
Does not occur	○	○	○	○	○	○	○	○	○
Sometimes occurs	○	○	●	○	○	○	○	○	●
Frequently occurs	○	○	○	○	●	●	○	○	○
Consistently occurs	●	●	○	●	○	○	○	●	○

Comments or Concerns

(1) Must consult teacher edition as this is not present in the student materials.
(2) Aleks is essential for this but there are also teacher guides.
(3,10) It seems that one needs to attend teacher training institutes for this? A training institute for special education?
(4,8) Has an entire book for differentiation at the low end and there are plenty of materials for the high end.

Represents the diversity of our current society in a culturally responsive manner.

Program -

	1	2	3	4	5	6	7	8	9
Does not occur	○	○	○	○	○	○	○	○	○
Sometimes occurs	○	○	○	○	○	○	○	○	○
Frequently occurs	●	●	●	●	●	●	●	●	●
Consistently occurs	○	○	○	○	○	○	○	○	○

Comments or concerns

This comment block will be used for other comments about the curriculum as there is no special place for this. In the unlikely event of anything of note regarding culture this will be mentioned.
(1) Very nice hwk questions - of a huge non-routine variety - find the error problems are great but they are not numerous enough. Will teachers assign the non-routine problems? Did not see linear inequalities.
(2) Elimination with both +/- and *//. More coverage of inequalities. No exponential growth and decay.

Quality/Production of materials including cover, binding, print

Program -

	1	2	3	4	5	6	7	~~8~~	9
Does not occur	○	○	○	○	○	○	○	○	○
Sometimes occurs	○	○	●	○	○	○	○	○	○
Frequently occurs	○	○	○	○	○	○	●	○	○
Consistently occurs	●	●	○	●	●	●	○	●	●

Comments or Concerns

(1,2,4,5,6,8,9) Hardbound student edition is solid.
(3,10) Books are thick and will either not get read or will not hold up due to weaker binding.
(7) Everything is consumable but may not even last a year since the books are so thick. If student takes text and extended practice their backpack will be way to full!

The program has been shown to have positive scientific achievement results conducted by independent, peer reviewed, and published research.
Research should be by an outside evaluator. This means that there must be research beyond that conducted by the institution or program producing the materials (beyond publisher research on their own product). Peer reviewed means that an independent and qualified educational institution (university) conducts the review and maintains all standards of peer review process.

Programs -

	1	2	3	4	5	6	7	8	9
Does not occur	○	○	○	○	○	○	○	○	●
Sometimes occurs	●	●	○	○	○	○	○	○	○
Frequently occurs	○	○	○	○	○	○	○	○	○
Consistently occurs	○	○	●	●	●	●	●	●	○

Comments or concerns

(1) They talk a good game but no detail is provided so this could be poor.
(2) Absolutely nothing but this does involve Aleks which is research proven.
(3,10) Research base is solid but not in the case of special education.
(4,8) Research fully documented and it's results are positive although there was no non go math control group the program showed gains by boyth weak and strong students.

The program supports learning at home
The program offers resources for teachers to communicate instructional goals to parents and help them understand the difference between problem solving and answer-getting and offers suggestions for how to help their children with skills at home including homework.
Homework assignments support classroom learning. Homework assignments extend concepts in the real world, for example, gathering data at home.
The concepts in the homework are clear, accurate, and free of errors. May include digital component for parents/students with calendar, resources, games, manipulatives, and ability to access homework from home.

Program -

	1	2	3	4	5	6	7	8	9
Does not occur	●	●	○	●	○	○	○	●	○
Sometimes occurs	○	○	○	○	○	○	○	○	○
Frequently occurs	○	○	○	○	●	●	○	○	○
Consistently occurs	○	○	●	○	○	○	●	○	●

Comments or concerns

(1,2) No discussion of this. Online resources do provide feedback.
(3,10) Free parent guide is fantastic!
(4,8) Spanish edition mentions parent letters but nothing else - phone app and math trainer should be very helpful.
(5,6) Supposedly there are parent letters - the online applications will be good for homework.
(7) Adaptive online teaching and parent portal are good
(9) Connection to Aleks makes this excellent.

Textual materials are generally well organized and limit pictures/images that do not support the skills being developed. There is appropriate use of font size and format for intended grade level, appropriate and varied pictures, tables, and graphs. Key academic vocabulary or phrases may be boldfaced and/or italicized. Tables of contents, indices, glossaries, content summaries, and assessment guides are designed to help teachers, parents/guardians/families, and students.

Program -

	1	2	3	4	5	6	7	8	9
Does not occur	○	○	○	○	○	○	○	○	○
Sometimes occurs	○	○	○	○	○	○	●	○	○
Frequently occurs	○	●	○	○	○	○	○	○	○
Consistently occurs	●	○	●	●	●	●	○	●	●

Comments or concerns

(1) Will be fun to read and work through.
(2) Traditional format - students won't read it much.
(3,10) This would be the most fun and effective but only in the correct environment and I don't think teachers will be able to create it - especially with special education.
(4,8) A standard textbook - it will be tough to get kids to look at anything but the problems.
(5,6) Concise yet complete - well organized and engaging.