

Conceptual Understanding, Procedural Skills and Application Rubric

0 – (Not Found) The content was not found.

1 – (Low) The content was not developed or developed superficially.

2 – (Marginal) The content lacks balance; focused primarily on procedural skills OR conceptual understanding OR applications.

3 – (Acceptable) The content was developed with a balance of conceptual understanding, procedural skills and applications, but the connections among the three were not developed.

4 – (High) The content was developed with a balance of conceptual understanding, procedural skills and applications, and the connections among the three were developed.

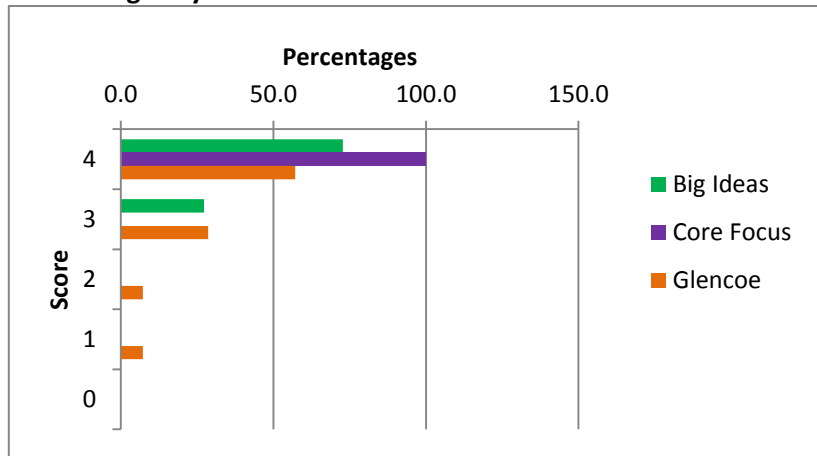
CCSSM Domains and Cluster Headings

• **Ratios and Proportional Relationships**

Average Score

Big Ideas	Core Focus	Glencoe
3.7	4.0	3.4

Percentages by Score

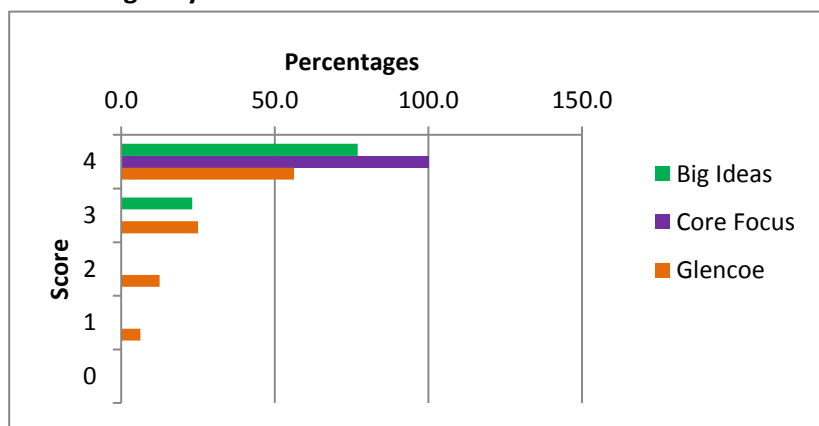


• **The Number System**

Average Score

Big Ideas	Core Focus	Glencoe
3.8	4.0	3.3

Percentages by Score



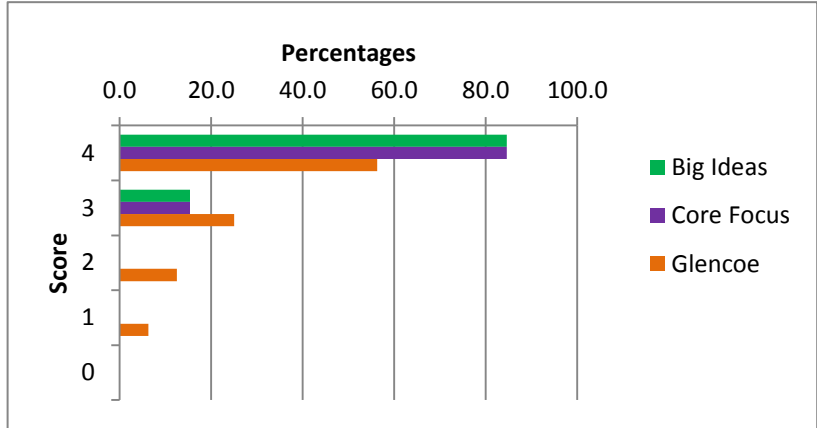
Teacher Feedback

• Expressions and Equations

Average Score

Big Ideas	Core Focus	Glencoe
3.8	3.8	3.3

Percentages by Score

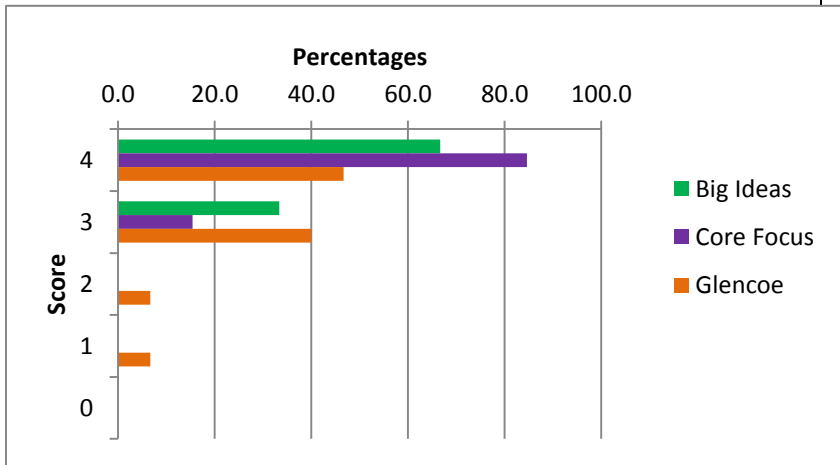


• Geometry

Average Score

Big Ideas	Core Focus	Glencoe
3.7	3.8	3.3

Percentages by Score

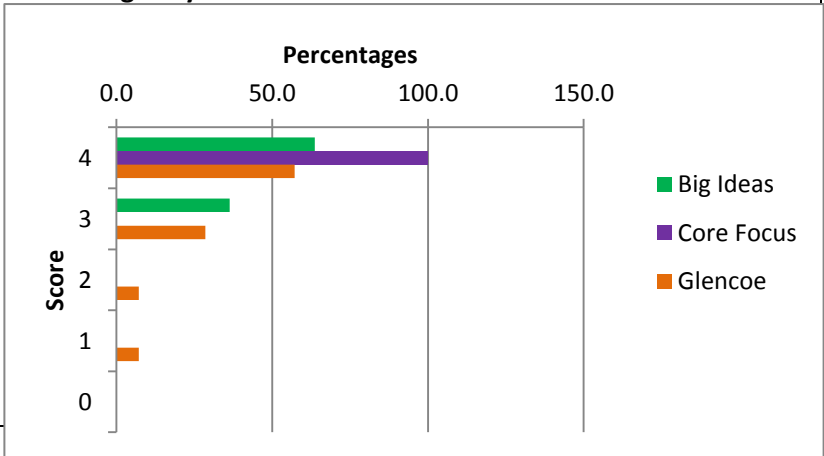


• Statistics and Probability

Average Score

Big Ideas	Core Focus	Glencoe
3.6	4.0	3.4

Percentages by Score



Teacher Feedback

Overarching considerations: (please review all materials, including the supporting materials)

0 – (Not found) The curriculum materials do not support this element.

1 – (Low) The curriculum materials contain limited support for this element, but the support is not embedded or consistently present.

2 – (Marginal) The curriculum materials contain support for this element, but it is not always embedded or consistently present.

3 – (Acceptable) The curriculum materials contain support for this element, and it is often embedded or consistently present.

4 – (High) The curriculum materials contain embedded support for this element so that it is consistently present.

Equity

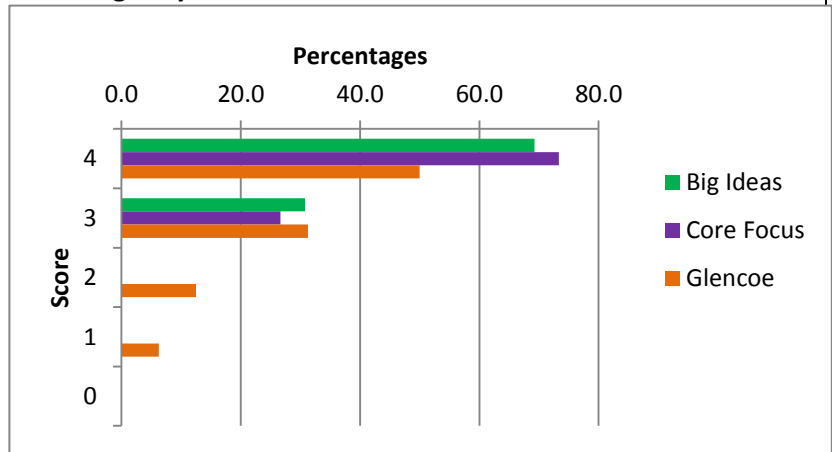
To what extent do the materials:

1. Provide instructional support to help teachers sequence or scaffold lessons so that students move from what they know to what they do not know?

Average Score

Big Ideas	Core Focus	Glencoe
3.7	3.7	3.3

Percentages by Score

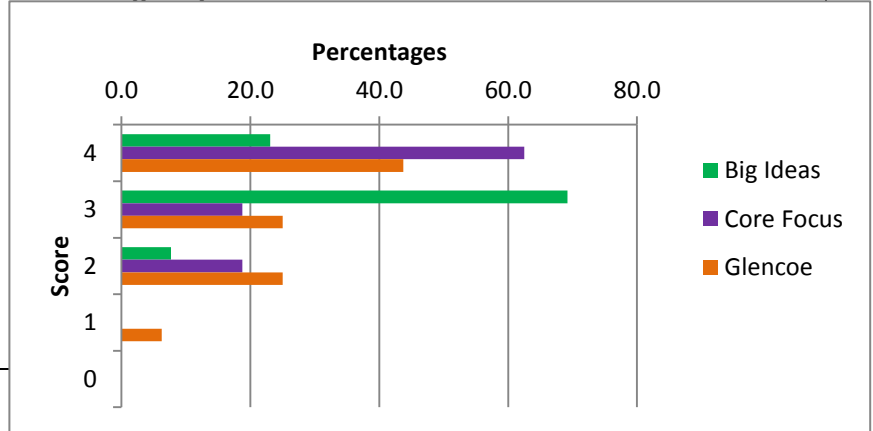


2. Provide supports for students with a reading ability significantly below grade level to access the mathematical content?

Average Score

Big Ideas	Core Focus	Glencoe
3.2	3.4	3.1

Percentages by Score

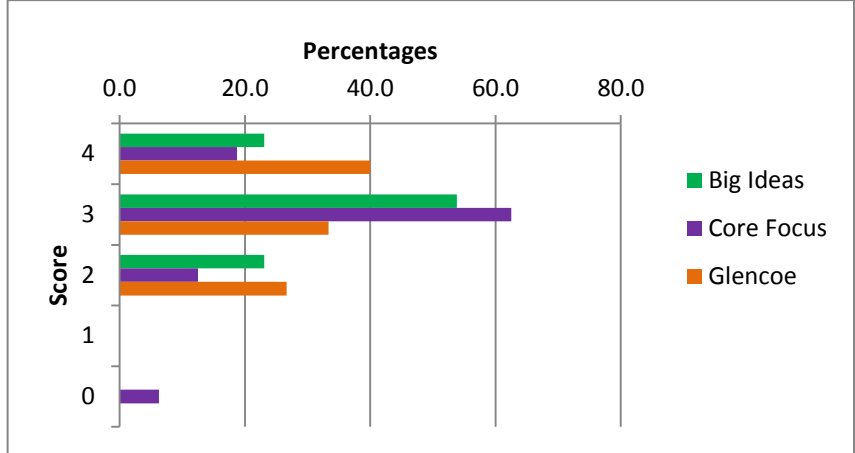


3. Provide accommodations for English language learners that will support their regular and active participation in learning mathematics?

Average Score

Big Ideas	Core Focus	Glencoe
3.0	2.9	3.1

Percentages by Score

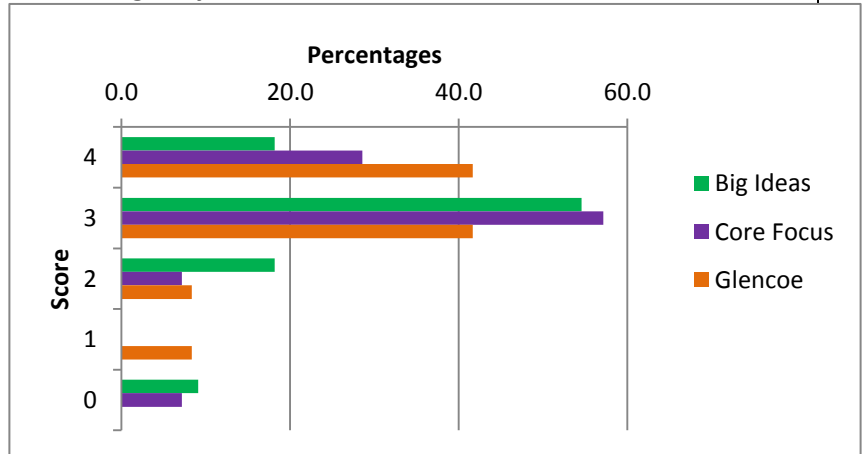


4. Provide a variety of portrayals and connections to different home languages, cultures, and personal experiences to facilitate a learning community?

Average Score

Big Ideas	Core Focus	Glencoe
2.7	3.0	3.2

Percentages by Score

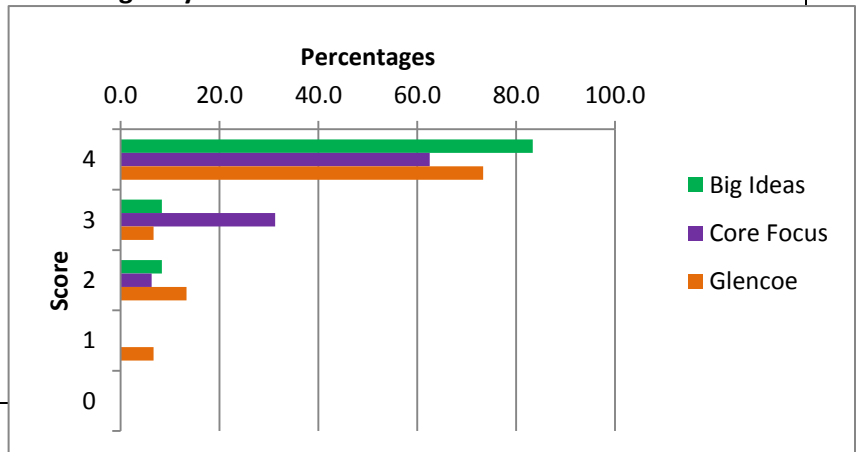


5. Provide multiple resources such as objects, drawings, and graphs to facilitate learning?

Average Score

Big Ideas	Core Focus	Glencoe
3.8	3.6	3.5

Percentages by Score

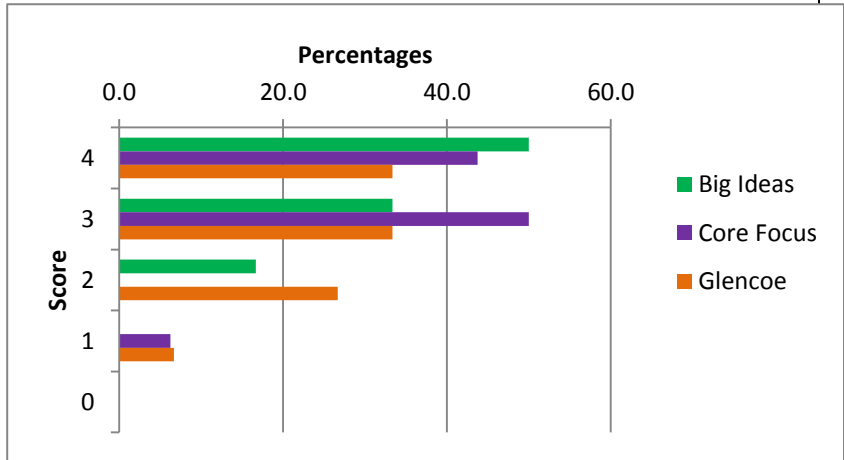


6. Provide applications connecting mathematics to other subject areas?

Average Score

Big Ideas	Core Focus	Glencoe
3.3	3.3	2.9

Percentages by Score

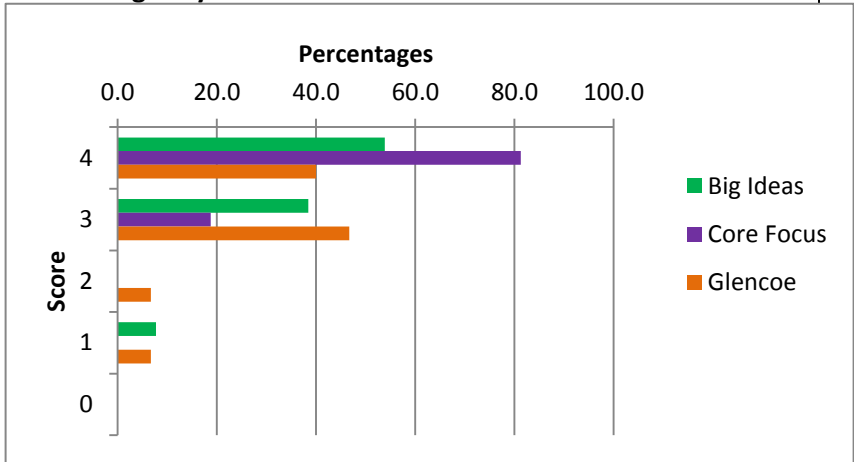


7. Provide both individual and collective opportunities for students to learn using mathematical tasks with a range of challenge?

Average Score

Big Ideas	Core Focus	Glencoe
3.4	3.8	3.2

Percentages by Score

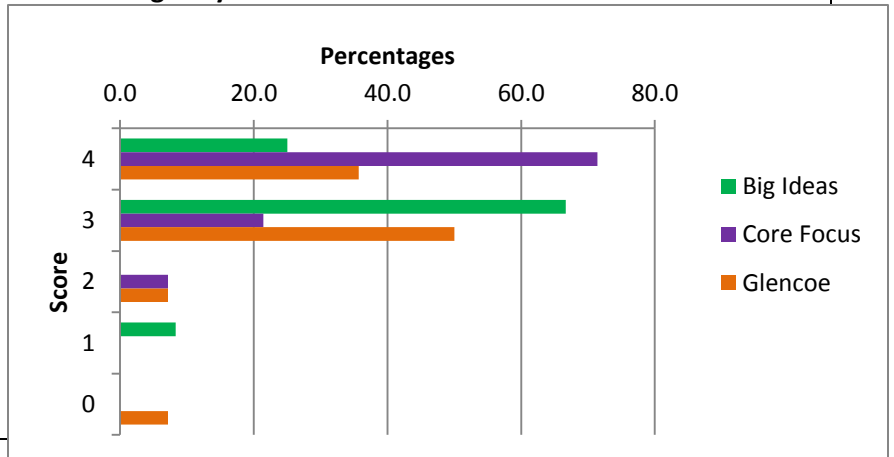


8. Provide opportunities for advanced students to investigate mathematics content at greater depth?

Average Score

Big Ideas	Core Focus	Glencoe
3.1	3.6	3.1

Percentages by Score

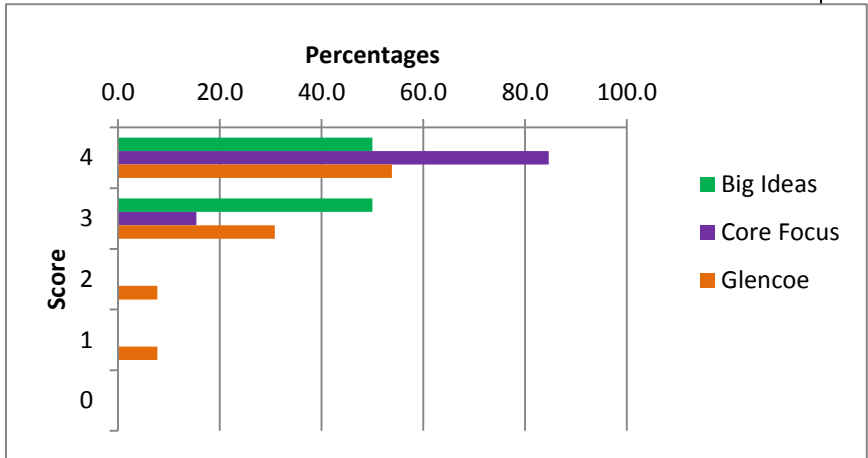


9. Provide opportunities to read, write, and speak using mathematical language?

Average Score

Big Ideas	Core Focus	Glencoe
3.5	3.8	3.3

Percentages by Score



Assessment

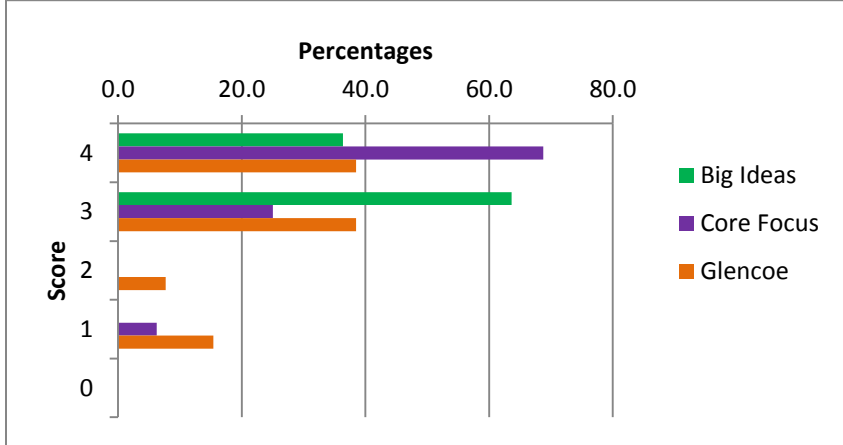
To what extent do the materials:

1. Provide strategies for gathering information about students' prior knowledge and background?

Average Score

Big Ideas	Core Focus	Glencoe
3.4	3.6	3.0

Percentages by Score

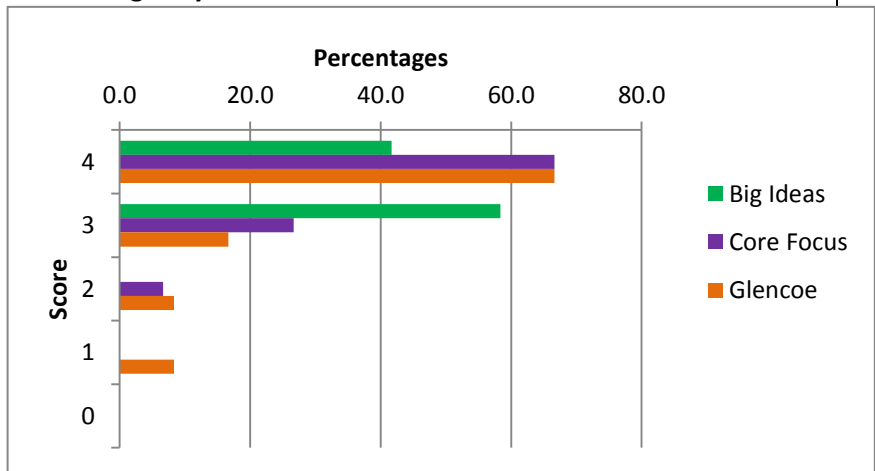


2. Provide strategies for teachers to identify common student errors and misconceptions?

Average Score

Big Ideas	Core Focus	Glencoe
3.4	3.6	3.4

Percentages by Score



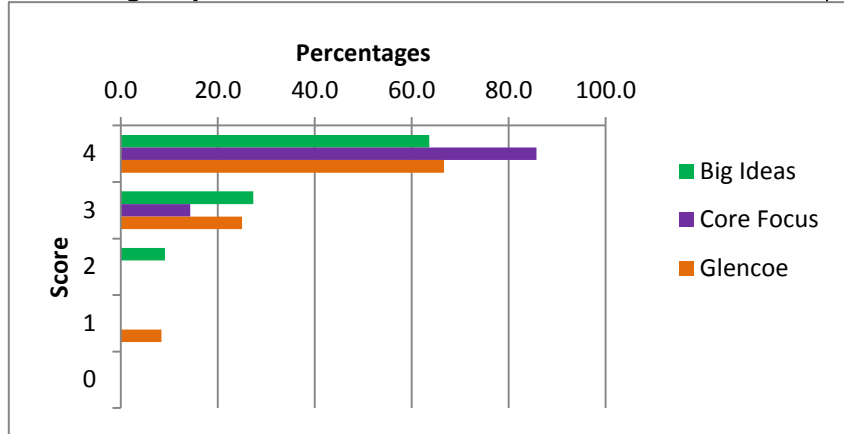
Teacher Feedback

3. Assess students at a variety of knowledge levels (e.g., memorization, understanding, reasoning, problem solving)?

Average Score

Big Ideas	Core Focus	Glencoe
3.5	3.9	3.5

Percentages by Score

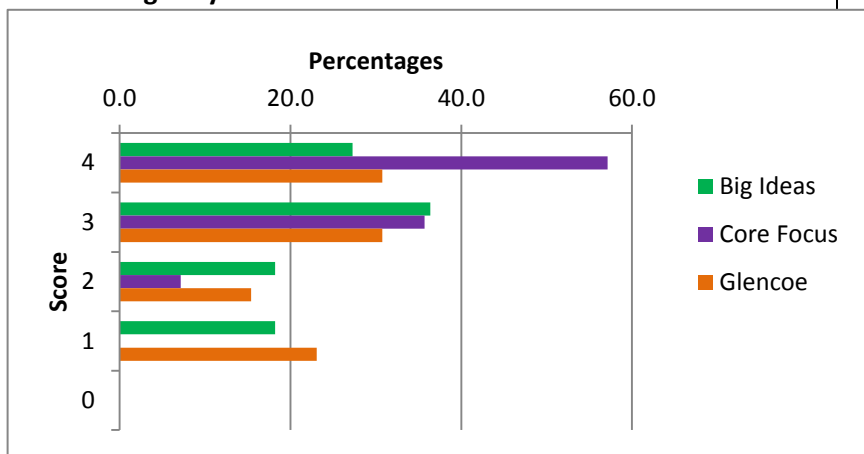


4. Encourage students to monitor their own progress?

Average Score

Big Ideas	Core Focus	Glencoe
2.7	3.5	2.7

Percentages by Score

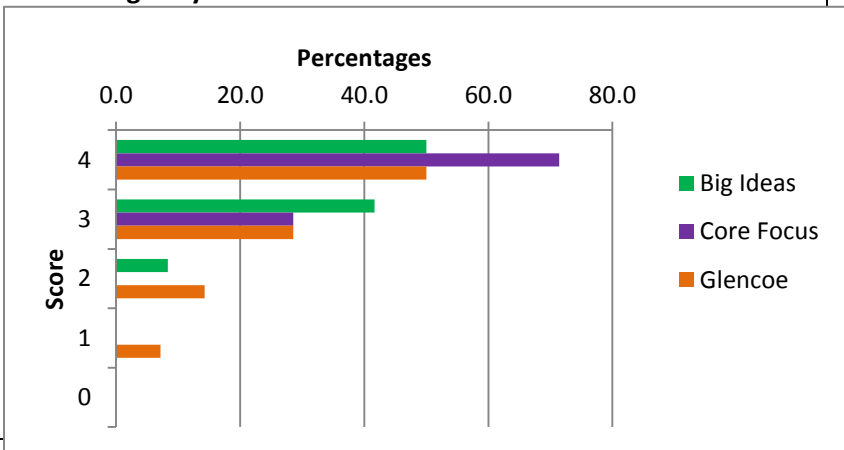


5. Provide opportunities for ongoing review and practice with feedback related to learning concepts, and skills?

Average Score

Big Ideas	Core Focus	Glencoe
3.4	3.7	3.2

Percentages by Score

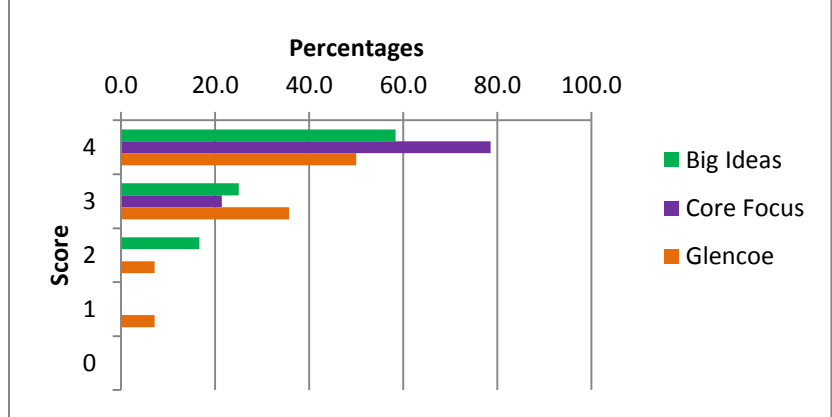


6. Provide support for a varied system of on-going formative and summative assessment (formal or informal observations, interviews, surveys, performance assessments, target problems)?

Average Score

Big Ideas	Core Focus	Glencoe
3.4	3.8	3.3

Percentages by Score



Technology

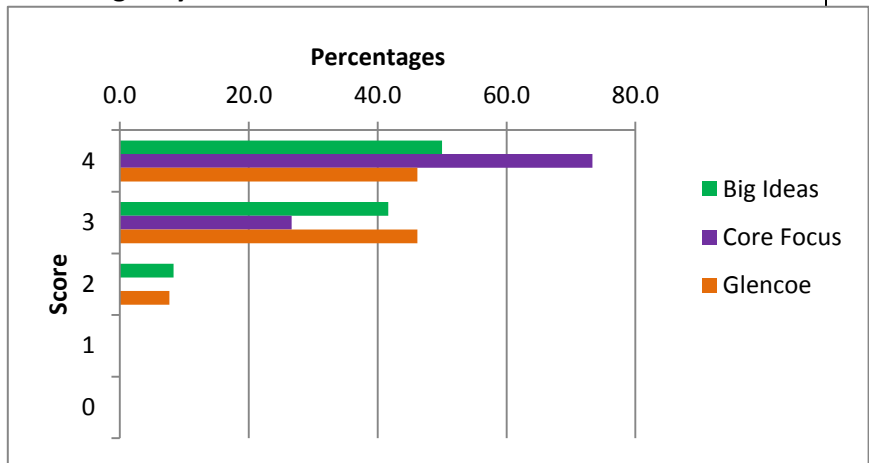
To what extent do the materials:

1. Provide electronic and/or online access to the materials?

Average Score

Big Ideas	Core Focus	Glencoe
3.4	3.7	3.4

Percentages by Score

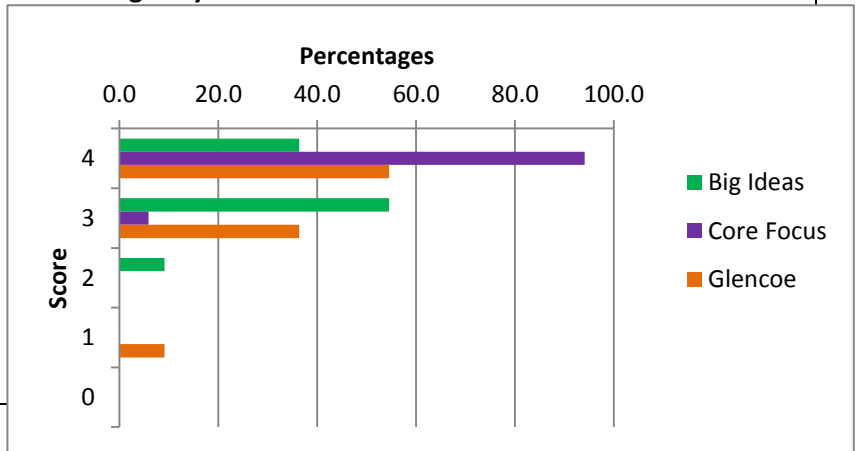


2. Provide electronic resources which can be edited or modified by teachers?

Average Score

Big Ideas	Core Focus	Glencoe
3.3	3.9	3.4

Percentages by Score

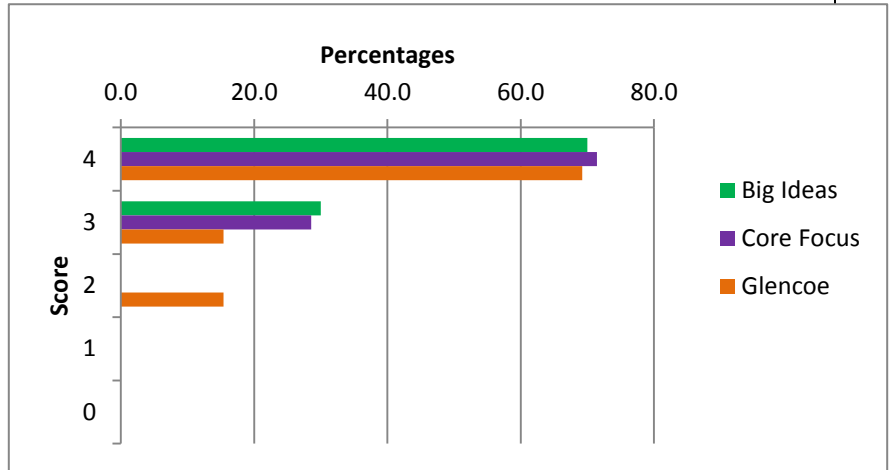


3. Provide online resources for student and parent support?

Average Score

Big Ideas	Core Focus	Glencoe
3.7	3.7	3.5

Percentages by Score

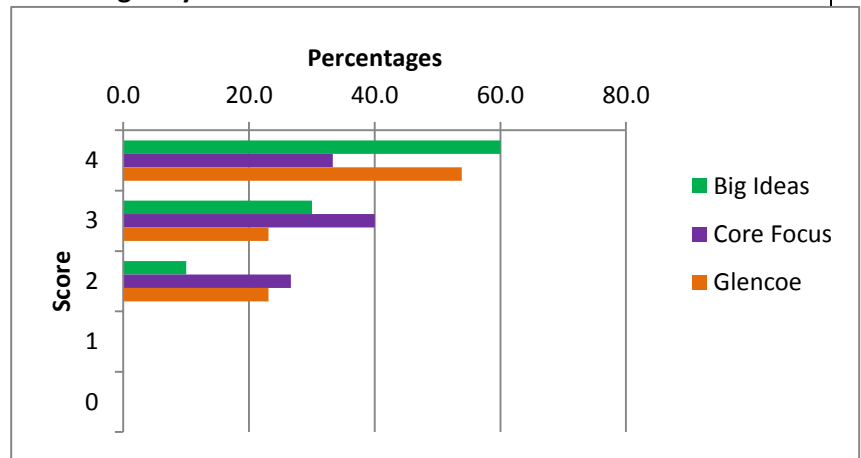


4. Integrate technology such as interactive tools, virtual manipulatives/objects, and dynamic mathematics software in ways that engage students in the Mathematical Practices?

Average Score

Big Ideas	Core Focus	Glencoe
3.5	3.1	3.3

Percentages by Score

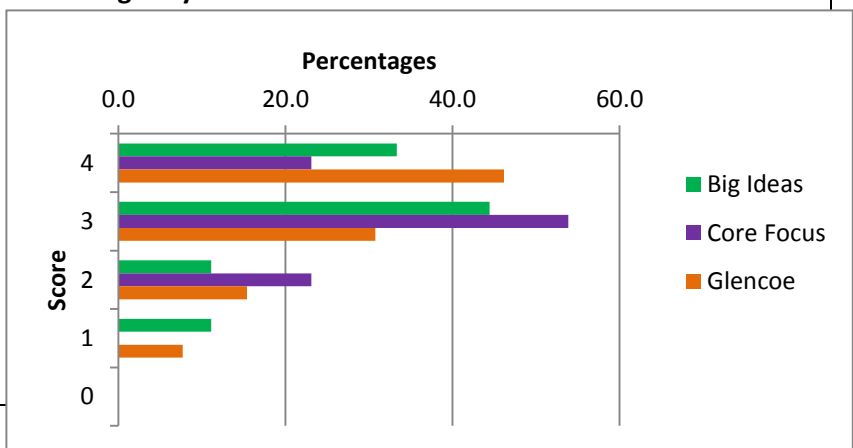


5. Include opportunities to assess student mathematical understandings and knowledge of procedural skills using technology?

Average Score

Big Ideas	Core Focus	Glencoe
3.0	3.0	3.2

Percentages by Score

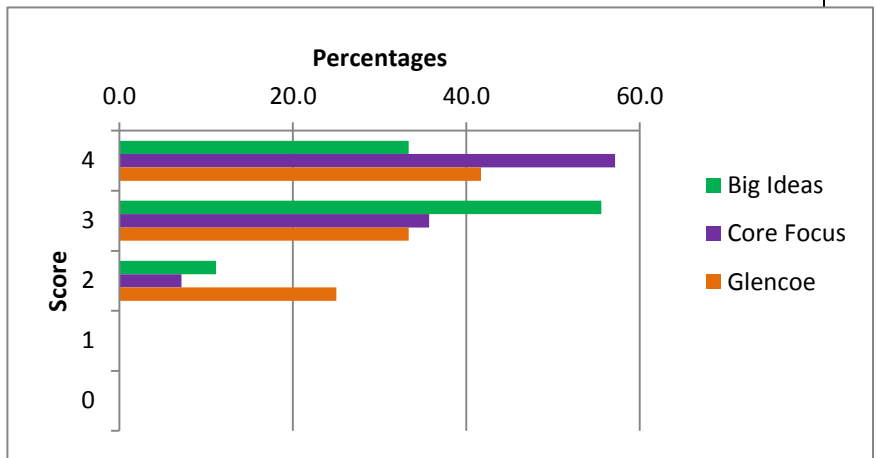


6. Include or reference technology that provides teachers additional tasks for students?

Average Score

Big Ideas	Core Focus	Glencoe
3.2	3.5	3.2

Percentages by Score



7. Provide equitable access to resources for students and parents who do not have regular access to a computer/the internet?

Average Score

Big Ideas	Core Focus	Glencoe
2.8	3.8	3.0

Percentages by Score

