

Redesign of Core Academic Skills for Educators Tests

New Test Launching September 2019

Source: ETS Client Services

Process and Results

- Examined curriculum and surveyed faculty members of EPPs for importance of skills measured by Praxis Core
- Convened a national advisory committee to review the survey results and develop test specifications
- Survey results and NAC concluded
 - Reading – All 17 skills confirmed as important – NO REVISIONS
 - Writing – All 22 skills confirmed as important – NO REVISIONS
 - For both Reading/Writing, committee recommended some clarifying edits to help candidates preparing for the test better understand what the tests assess.
 - Math - 13 of 39 skill statements received an average judgment below Threshold Value (4.2/5), including 6 of the 11 statements under “Geometry”

Redesign of Mathematics

- Based on survey and committee evaluations of importance for success in EPPs
- Weightings were changed for the different Mathematics Subareas
 - Reduced emphasis on Algebra and Geometry
 - Increased emphasis on Data Interpretation, Statistics and Probability
- Some flagged topics were dropped from the assessment, e.g.,
 - Identifying rational v. irrational numbers
 - solving problems with radicals
 - working with functions
 - solving problems involving three-dimensional figures (such as volume and surface area of a cone)
- 10 skill statements, including 5 of 11 skills statements in Geometry, were **dropped**
- 8 skill statements were revised to **clarify or scale back** what’s included.
- A formula sheet will be **added**, giving formulas for the geometric content that remains

Content of Current Math Assessment

	Subarea	Approx. Pct.
I	Number and Quantity	30%
II	Algebra and Functions	30%
III	Geometry	20%
IV	Statistics and Probability	20%

Content of Updated Math Assessment

	Subarea	Approx. Pct.
I	Number and Quantity	36%
II	Data Interpretation, Statistics and Probability	32%
III-A	Algebra	20%
III-B	Geometry	12%

