Test Regeneration   and Development

CKT: Content Knowledge for Teaching

- A collaborative project between ETS and TeachingWorks at the University of Michigan to create content tests for new teachers
- A new kind of content assessment specifically designed to test for the specialized knowledge of content that a teacher uses in the work of teaching
- The evolution of ETS Elementary Education tests

➤Elementary Education: Content Knowledge - 2000

    ➤Elementary Education: Multiple Subjects - 2011

        ➤Elementary Education: CKT - 2017

Elementary Education: Content Knowledge for Teaching (CKT) — Social Studies Subtest

Code	Test Name	NAC	Standard Setting	Admin. Date
7805	Elementary Ed: CKT — Social Studies Subtest	Oct. 2017 & Mar. 2018	March 2019	September 2019
7906	Elementary Ed: Applied CKT — Social Studies Subtest	Oct. 2017 & Mar. 2018	March 2019	September 2019

- Part of our newest Elementary Education test
- Multiple Subjects model with CKT added
- Designed to test the specialized knowledge of content that a teacher uses in the work of teaching
- ELA & Math sections previously launched in 2016, Science in 2017
- Two CKT recorded webinars are available on the AACTE website or contact your CRD

Regeneration — School Leaders

Code	Test Name	NAC	Standard Setting	Admin. Date
6990	School Leaders Licensure Assessment	October 2016 & Feb. 2017	January 2018	Sept. 2018
5412	Education Leadership and Supervision	October 2016 & Feb. 2017	January 2018	Sept. 2018
6991	School Superintendent Assessment	July 2017 & April 2018	January 2019	Sept. 2019

- Alignment with CCSSO Professional Standards for Education Leaders (PSEL) (replacing ISLLC standards)
- NAC included Principals and EPP faculty from 16 states and representatives from National Association of Elementary School Principals and National Association of Secondary School Principals

Regeneration — Reading

Code	Test Name	NAC	Standard Setting	Admin. Date
5205	Teaching Reading: Elementary	June 2017 & Nov. 2017	February 2019	Sept. 2019
5206	Teaching Reading: K-12	July 2018	Mar 2019	Sept. 2019
5302	Reading Specialist	Aug 2018	Jan 2020	Sept. 2020

- Undergoing a major redevelopment for our Reading Series — based on input from clients
- Aligning tests with implementation of the revised International Literacy Association (ILA) 2017 Standards

Regeneration — Core Academic Skills for Educators

Code	Test Name	NAC	Standard Setting	Admin. Date
5713	Academic Skills for Educators: Reading	July 2018	January 2019	September 2019
5723	Academic Skills for Educators: Writing	July 2018	January 2019	September 2019
5733	Academic Skills for Educators: Mathematics	July 2018	January 2019	September 2019

- Reexamining the test specifications to better cover the skills teacher candidates need to succeed in their preparation programs

Regeneration — Science

Code	Test Name	NAC	Standard Setting	Admin. Date
5442	Middle School Science	July 2018	TBD	Sept. 2020
various	Secondary Sciences	2019-2020	TBD	Sept. 2022

- Regeneration for alignment with Next Generation Science Standards (NGSS)

Regeneration — Special Education

Code	Test Name	NAC	Standard Setting	Admin. Date
5355	Core Knowledge & Applications	TBD	Dec 2020	September 2021
5546	Core Knowledge & Mild to Moderate Applications	TBD	Dec 2020	September 2021
5547	Core Knowledge & Severe to Profound Applications	July 2019	Dec 2020	September 2021
	Severe to Profound Applications			

- Aligning tests with Council for Exceptional Children (CEC) Standards currently undergoing revision (expecting 2019)

Regeneration — Audiology, Library Media Specialist

Code	Test Name	NAC	Standard Setting	Admin. Date
5343	Audiology	April/Sept. 2018	January 2020	Sept. 2020
5312	Library Media Specialist	TBA	TBA	Sept. 2021

Geometry

Code	Test Name	NAC	Standard Setting	Admin. Date
5163	Geometry	N/A	April 2019	Sept. 2019

Content Category Description	# of Items	Approximate %
Properties of Geometric Plane Shapes, Congruence, Proof, and Constructions	13	27.5%
Similarity, Proof, and Trigonometry	11	22.5%
Coordinate Geometry	9	17.5%
Circles	9	17.5%
Three-Dimensional Geometry and Geometric Modeling	8	15%
Totals	50	100%

Regeneration — Computer Science

Code	Test Name	NAC	Standard Setting	Admin. Date
5652	Computer Science	November 2016 & April 2017	December 2017	September 2018

- Originally introduced in 2015
- Updating content to better align with International Society for Technology in Education (ISTE) and Computer Science Teachers Association (CSTA) standards for computer science educators
- 18 states participated in NAC Process and Multi-State SSS
- Included on December 2016 White House Fact Sheet announcing significant initiatives in Computer Science education

LAUNCHED!

Re-generation of *Praxis®* Core

***Praxis* Core Tests**

- measure academic skills in reading, writing and mathematics.

- assess skills that have been identified as critical to a career in education with a focus on skills that are critical to learning and achievement in teacher preparation programs

Claim the three tests support

The candidate has academic skills (*reading*, *writing* and *mathematics*) important for success in teacher preparation

Identifying Important Skills for
All Teacher Candidates

- Begin with the Career & College Readiness Standards

- Survey college faculty who prepare teacher candidates
  - Skills important for coursework common across subject matter and grade level

- Work with a large, diverse committee of experts
  - Hone the content domain

- Publish resulting content domain
  - Build reliable and valid assessments based on the input of the field

Survey of Faculty

	Number of Respondents
	Overall
Total	236
Number of EPPs	89
Number of States and Territories	33

- Approximately 81% are teaching at public institutions
- Approximately 15% are teaching at minority-serving institutions
- Majority (approximately 60%) have at least 10 years of experience preparing educator candidates
- Approximately 45% taught courses across subjects and grade levels

National Advisory Committee of 27 faculty from 27 programs in 22 states

Survey Results

READING

- 17 skill statements
    - Key Ideas & Details
    - Craft, Structure & Language Skills
    - Integration of Knowledge & Ideas
- No statement received an average judgment below 5 (Important)

WRITING

- 22 skill statements
    - Text Production: Argumentative & Informative/Explanatory Essays
    - Text Production: Revision
    - Language Skills
    - Research Skills
- One statement received an average judgment below 5 (Important)

Survey Results

READING

- 17 skill statements

WRITING

- Text Production: Argumentative & Informative/Explanatory Essays
- Text Production: Revision
- Language Skills
- Research Skills
- One statement received an average judgment below 5 (Important)

Re-examination confirmed the content measured by the Reading & Writing tests.

No revisions planned.*

* The committee recommended a few clarifying edits to statements to help candidates preparing for the test better understand what the tests call for.

Survey Results

MATHEMATICS

- 39 skill statements in
    I. Number and Quantity
    II. Algebra and Functions
    III. Data Interpretation and Representation, Statistics and Probability
    IV. Geometry

- 13 statements received an average judgment below 4.2 (Threshold Value)
    - 6 of the 11 statements under "Geometry" received average judgments below 4.2

Redesigned MATHEMATICS

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

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

Praxis CORE
Support for Candidates and Programs

Khan Academy Announcement

- Free prep for Praxis Core will..

  - diagnose each teacher candidate's strengths and weaknesses.
  - Each user will then receive a personalized study plan beginning at the user's starting point and progressing right up to test day.

  - The user will be guided through a series of in-depth instructional materials, including practice questions, videos, and tips, that meet the user's unique needs in terms both of subject matter and time available to study the materials covered by the test.
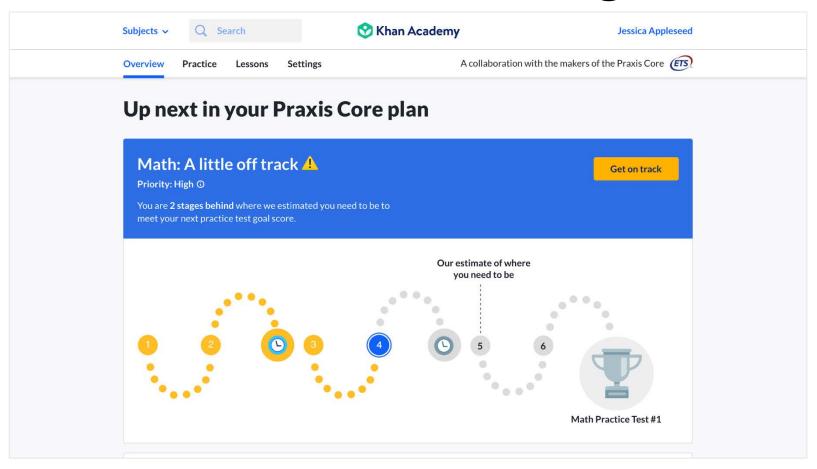
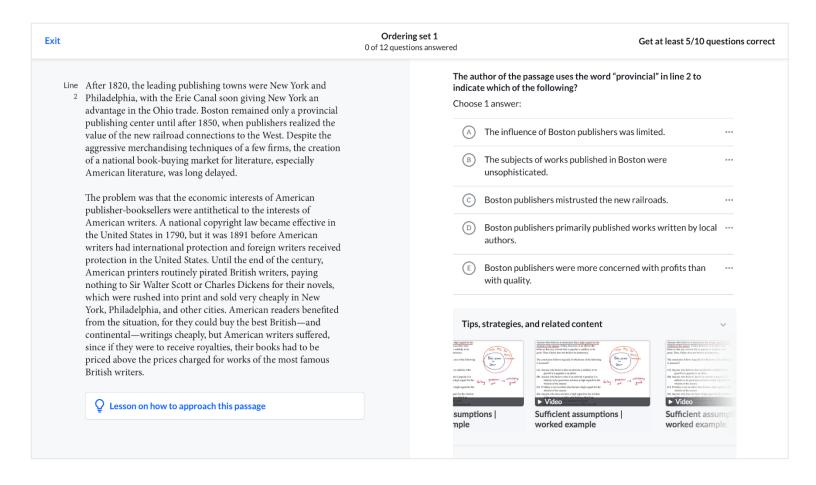**KHAN**ACADEMY

Identify Strengths and Weaknesses

Create a Study Plan That Fits Life Situation and Needs

Get Personalized Recommendations to Focus Learning

Gain a Comprehensive Understanding of Every Skill

Track Learning Progress in a Motivating Way