

2025 Approved K-12 High-Quality Instructional Resources for Mathematics



Educators have more options than ever from which to find instructional resources designed to meet their local priorities and student needs; however, in such a crowded marketplace, finding [high-quality instructional resources \(HQIRs\)](#) that are aligned to the Kentucky Academic Standards (KAS) and meet specific school and district needs can be challenging.

State law assigns districts the authority to develop the local curriculum based on language found in [Kentucky Revised Statute \(KRS\) 160.345](#). Upon the passage of Senate Bill (SB) 1 (2022), the authority to determine instructional materials was transferred from the school-based decision making (SBDM) council to the local superintendent. Specifically, per KRS 160.345(2)(g), “the local superintendent shall determine which curriculum, textbooks, instructional materials, and student support services shall be provided in the school after consulting with the local board of education, the school principal, and the school council and after a reasonable review and response period for stakeholders in accordance with local board of education policy.”

Per the Kentucky Department of Education (KDE) [Model Curriculum Framework](#) and the instructional resources Consumer Guides, EdReports.org is a recommended starting point for district and school review teams to research available evidence-based materials. EdReports provides free reviews of K-12 instructional resources and offers comprehensive information about indicators of quality, including standards alignment and usability, from a number of publishers. Superintendents and district review teams can be assured that the green-rated resources identified by EdReports have at least 80% alignment to the Kentucky Academic Standards.

Using the green-rated resources from EdReports and feedback from the Quality Curriculum Taskforce, KDE developed a list of approved Tier 1 core comprehensive high-quality instructional resources for English/language arts and mathematics. A core comprehensive instructional resource is one that serves as the primary means of instruction in a content area for a grade level or course.

The approved list for mathematics is provided below and includes all resources that meet the required criteria. The list will be updated as green-rated resources are added to EdReports.org. Historically approved resources will not be removed, but rather, the KDE will add newly reviewed resources that meet the criteria and earn a green rating. Local HQIR coordinators will be notified when resources are added to the list, and communications will be shared via KDE media outlets.

While all vendors on the approved list meet the KDE standards for high-quality instructional resources, districts and schools should carefully review materials to determine which HQIR best meets the local instructional vision and the needs of the teachers and students in the district.

If a district is interested in adopting a resource that does not appear on KDE’s approved list and is unrated by EdReports or is not currently green-rated, the district has a greater burden to curate:

- (1) **substantial evidence of both KAS alignment (using the [Instructional Resource Alignment Rubrics](#), as applicable, or a vendor crosswalk to the KAS) and**
- (2) **the research-basis demonstrating external validity and reliability.**

The resource selection and accompanying evidence basis will need to be shared as an off-list notification, per KRS 156.445, to kdetextbooks@education.ky.gov. **The district also must monitor implementation results of the off-list resource to determine its impact on student learning at the local level.** Please note: This notification is required for off-list Tier 1 core comprehensive resources only, not supplemental resources.

Historically, resources were adopted in cycles established by the State Textbook Commission. However, the State Textbook Commission (STC) has not met since 2015 due to insufficient funding. KRS 156.400(3) establishes, “The chief state school officer may delay the purchase of books due to insufficient funds...”. Moreover, state-level vendor contracts and adoption cycles for

materials are not currently applicable as superintendents now have the authority to develop curriculum and select all instructional resources across districts per KRS 160.345. Therefore, districts should consider resource adoptions based on statutory requirements, academic standards review cycles, local needs assessments, student data, and local contractual timelines.

Elementary (K-5)

Publisher	Title	Grade Band
Accelerate Learning	STEMscopes Math, 2024	K-5
Amplify	Desmos Math K-5	K-5
Curriculum Associates	i-Ready Classroom Mathematics, 2020, 2024	K-5
Curriculum Associates	Ready 2017	K-5
Fishtank Learning	Fishtank Plus Math, 2021	3-5
Great Minds	Eureka Math Squared, 2021	K-5
Houghton Mifflin Harcourt	HMH Into Math, 2020	K-5
Houghton Mifflin Harcourt	Math Expressions, K-5, 2018	K-5
Imagine Learning f/k/a LearnZillion	Imagine Learning Illustrative Mathematics K-5 Math, 2021	K-5
Kendall Hunt Publishing Company	Kendall Hunt's Illustrative Mathematics, 2021	K-5
Leap Educational Consulting (f/k/a Achievement First)	Leap Mathematics K-8, 2021	K-5
McGraw-Hill Education	Everyday Mathematics 4, 2021	K-5
McGraw-Hill Education	Reveal Math, 2022	K-5
MidSchoolMath	Core Curriculum by MidSchoolMath, 2021	5
Open Up Resources	Open Up Resources K-5 Math, 2022	K-5
ORIGO Education	ORIGO Stepping Stones 2.0, 2022	K-5
Savvas Learning Company	enVision Mathematics, 2021, 2024	K-5
Snappet	Snappet Math, 2022	K-5
The Math Learning Center	Bridges In Mathematics, 2015	K-5
Zearn	Zearn, 2018	K-5

Middle School (6-8)

Publisher	Title	Grade Band
Accelerate Learning	Math Nation, 2024	6-8
Accelerate Learning	STEMscopes Math, 2024	6-8
Agile Mind	Agile Mind Middle School Mathematics, 2016	6-8
Amplify Education, Inc.	Desmos Math 6-8, 2022	6-8
Carnegie Learning	Carnegie Learning Middle School Math Solution, 2018, 2022	6-8
Curriculum Associates	i-Ready Classroom Mathematics, 2021, 2024	6-8
Curriculum Associates	Ready, 2017	6-8
EdGems Math LLC	EdGems Math, 2018, 2024	6-8
Fishtank Learning	Fishtank Plus Math, 2021	6-8
Great Minds	Eureka Math Squared, 2021	6-8
Houghton Mifflin Harcourt	HMH Into Math, 2020	6-8
Imagine Learning f/k/a LearnZillion	Imagine Learning Illustrative Mathematics IM 6-8 Math, 2018-2019	6-8
Kendall Hunt Publishing Company	Kendall Hunt's Illustrative Mathematics 6-8 Math, 2019	6-8
Leap Educational Consulting (f/k/a Achievement First)	Leap Mathematics K-8, 2021	6-8
McGraw-Hill Education	McGraw-Hill Illustrative Mathematics 6-8 Math, 2020	6-8
McGraw-Hill Education	Reveal Math, 2020, 2025	6-8
MidSchoolMath	Core Curriculum by MidSchoolMath, 2021	6-8
Open Up Resources	Open Up Resources 6-8 Math, 2017	6-8
Open Up Resources	Open Up resources 6-8 Math, 3rd Edition	6-8
ORIGO Education	ORIGO Stepping Stones 2.0, 2022	6
Savvas Learning Company	enVision Mathematics, 2021, 2024	6-8

High School (9-12)

Publisher	Title	Grade Band
Accelerate Learning	Math Nation, 2024	9-12
Agile Mind	Agile Mind Traditional Mathematics, 2016	9-12
Agile Mind	Agile Mind Integrated Mathematics, 2019	9-12
Carnegie Learning	Carnegie Learning High School Math Solution Integrated, 2018, 2022	9-12
Carnegie Learning	Carnegie Learning High School Math Solution Traditional, 2018, 2022	9-12
CPM Educational Program (CPM)	CPM Integrated, 2015	9-12
CPM Educational Program (CPM)	CPM Traditional, 2015	9-12
Houghton Mifflin Harcourt	HMH Into AGA, 2020	9-12
Imagine Learning f/k/a LearnZillion	Imagine Learning Illustrative Mathematics IM 9-12 Math, 2019	9-12
Kendall Hunt Publishing Company	Discovering Mathematics: Algebra, 2014	9-12
Kendall Hunt Publishing Company	Discovering Mathematics: Geometry, 2015	9-12
Kendall Hunt Publishing Company	Discovering Mathematics: Advanced Algebra, 2017	9-12
Kendall Hunt Publishing Company	Kendall Hunt's Illustrative Mathematics Traditional, 2019	9-12
McGraw-Hill Education	Core-Plus Mathematics, 2015	9-12
McGraw-Hill Education	McGraw-Hill Illustrative Mathematics AGA, 2021	9-12
McGraw-Hill Education	Reveal Math Integrated, 2020	9-12
McGraw-Hill Education	Reveal Math Traditional, 2020	9-12
Open Up Resources	Open Up High School Mathematics Integrated, 2021	9-12
Open Up Resources	Open Up High School Mathematics Traditional, 2021	9-12
Savvas Learning Company	enVisionMath A/G/A, 2018, 2024	9-12
Savvas Learning Company (f/k/a Pearson)	enVision Integrated Mathematics, 2019	9-12