Market Map:
Gen AI Use Cases in K-12 Education

Explore our market map featuring K-12 specific use cases for Generative AI in educational contexts.
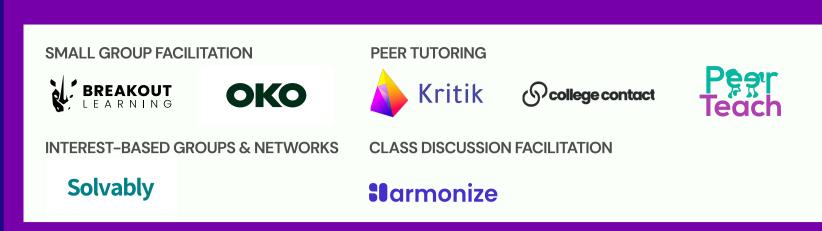
Edtech Insiders

Instructional Materials

LESSON PLAN GENERATION
LessonUp · twee · Copilot · Oak National Academy · almanack

MULTIMODAL INSTRUCTION (AUDIO/VIDEO/GAMES)
CARNEGIE LEARNING · ROSEBUD AI · Curipod · beep · educandy

STUDY MATERIAL GENERATION
Quizlet · NotebookLM · Knowt · AnkiDecks · algor

INSTRUCTIONAL CHATBOTS/INTERACTIVE EXPERIENCES
thinglink · CodeCombat · MIZOU · alchemie · cartedo

SPECIALIZED CLASSROOM ACTIVITY GENERATION
TeachMateAI · TEACHERMATIC AVALLAIN GROUP · Teachflow · coteach ai · Planning Period

DEVELOPING ONLINE LEARNING
DISCO · Learning Studio AI by SCORMHERO · CourseAI · nolej · coursemagic by openlearning

ENGAGE STUDENTS WITH CELEBRITIES
rebind · HISTORY HELLO · ViXi · Onlock Learning

SUPPORT FOR ELL/MLL LEARNERS
BOOKR CLASS · Pace AI · WEXT.AI · astrid.

PEDAGOGY-SPECIFIC APPROACHES
inkwire · Teaching Tools · EngageAI Institute · pathfinder · teachally

CULTURALLY RESPONSIVE CONTENT GENERATION
Reconstruction · COMMONGOOD

EXPLANATION GENERATION
Sizzle · StepWise

EMERGING USE CASES
- Connect New Concepts To Old
- Extensions, Enrichment & Challenge

Assessment and Feedback

AI ASSISTED GRADING
gradescope by Turnitin · noredink · ALL In Learning · cograder · graide

FEEDBACK ON (WRITTEN) STUDENT WORK
Writable · Class Companion · EssayGrader · sense · ETHIQLY

QUIZ & QUIZ GENERATION
Kahoot! · edpuzzle · Gizmo · QUIZGECKO · Quizalize

STUDENT PROGRESS TRACKING
redmenta · ASSISTments · Project Leo

FEEDBACK ON (MULTIMODAL) STUDENT WORK
Equatio · smartschool · Fluent · s[AI]naptic · EdLight

ASSESSMENT OF PROCESS OVER PRODUCT
Goodnotes · magma · snorkl · Goblins · sketchar

EMERGING USE CASES
Holistic Assessment

Teacher Professional Learning

RESEARCH FOR EVIDENCE-BASED PRACTICES
perplexity · consensus · scite_ · Humata · scholarcy

INSTRUCTIONAL COACHING
EDTHENA · TeachFX · Pop PD

CLASSROOM MANAGEMENT SIMULATION
Mursion · ACTS Simulator

Teacher Practice Support

TOOL SUITES FOR TEACHERS & STUDENTS
Quizizz · formative by newsela · MAGIC SCHOOL · KHANMIGO by Khan Academy · BRISK TEACHING

ANALYSIS OF STUDENT DATA
edia · Eedi · Schoolytics · doowii · Strived.io

ACADEMIC INTEGRITY
turnitin · ZeroGPT AI Detector Tool · GPTZero · Copyleaks · Honorlock

ADMIN SUPPORT TO FREE TEACHER TIME
ClassDojo · Playlab · MERLYN MIND · Alayna · YOURWAY

COMPETENCY-FOCUSED TEACHING & LEARNING
goreact · Muzzy Lane · bodyswaps · the juice · GENIUS ACADEMY

SUPPORT FOR HUMAN TUTORING
hilink · nerdy · Stanford University TUTOR COPILOT · saga EDUCATION · stift

AVATARS TO EXTEND TEACHER REACH
HeyGen · synthesia · AI STUDIOS by DEEPBRAIN AI · Colossyan · PROF JIM

SCHOOL-FAMILY CONNECTIONS
ParentSquare · Paloma

EMERGING USE CASES
- Class Coherence
- Team Teaching (For Lead Teachers) & (For Paraprofessionals)

Social Tools

SMALL GROUP FACILITATION
BREAKOUT LEARNING · OKO

PEER TUTORING
Kritik · college contact · Peer Teach

INTEREST-BASED GROUPS & NETWORKS
Solvably

CLASS DISCUSSION FACILITATION
Harmonize

Student Support

EARLY READING COACH
Microsoft Reading Coach · Project Read · AMIRA LEARNING · Ello · YUNA

WRITING ASSISTANCE
QuillBot · grammarly · Scribbr · SMODIN · Quill

MENTAL HEALTH & WELL-BEING
Woebot Health · koko · mainstay formerly AdmitHub · PLAYTAG · EDSIGHTS

AI-ENHANCED TUTORING
PowerSchool PowerBuddy · Numerade · Flexi · SYNTHESIS · Acely

SUPPORT FOR NEURODIVERGENCE & SPECIAL NEEDS
Speechify · Signapse · SLAIT · EarlyBird · playground IEP

LANGUAGE PRACTICE PARTNER
duolingo MAX · MEMRISE · Talkpal AI · Speak · praktika.ai

LEARNING COMPANION
MIKO · TutorEva · Buddy.ai · moxie by Embodied · BusyBee

CAREER COACHING & EXPLORATION
CodeSignal · COACH by CareerVillage.org · Stemuli · careerdekho · REACH

CURIOSITY COACH
Google Learn About · Kinnu · CURIO · hello wonder · WorldClass

ACADEMIC COACHING AND COLLEGE ADVISING
leverage edu · ambitio. · ESAI · GradGPT College applications simplified · KYROS

HOMEWORK HELP
Chegg · BRAINLY · Course Hero · QANDA · Gauth

CREATIVE IDEATION
Canva for Education · Adobe Express for Education · FigJam · Storywizard.ai · STORY SEED

DELIBERATE PRACTICE
Symbolab · SCRIMBA · MagniLearn

PORTFOLIO CREATION
Seesaw · SchoolJoy

TEACHABLE AGENTS
Study Buds

METACOGNITIVE SUPPORT
Max by Maximal Learning

EMERGING USE CASES
Academic Coaching And Advising

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