



Empowering Schools The AI Tutor Revolution Trunkie: The K-12 Teaching Operating System

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Global K-12 education is undergoing rapid transformation, facing significant challenges. Schools are grappling with increasing student diversity, larger class sizes and a critical need for personalised support, often exceeding educators' capacities. Ensuring equitable access to high-quality, individualised learning experiences remains a persistent hurdle across all continents.

Trunkie enters with the AI Tutor Revolution. As the K-12 Teaching Operating System, Trunkie integrates advanced artificial intelligence to transform the classroom. We empower educators with intelligent assistants, provide students with tailored learning pathways and deliver scalable, personalised support for every child.

Our vision is to elevate the educational experience, making high-quality education accessible and effective. Join us as Trunkie redefines learning and unlocks the full potential of the next generation.

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Trunkie, The K-12 School Learning Operating System

A single, integrated platform that connects the entire academic journey, from syllabus planning to exam mastery, while dramatically reducing teacher and administrative workload.

Leadership
Consistent outcomes,
scalable governance

Administration
Admissions, fees,
reminders, reporting

Teachers
Homework
creation/marketing with
mastery visibility

Parents
Privacy-safe insight into
child's progress and
improvement areas



Most Schools Operate with a Hidden 'Fragmentation Tax'

Even with basic digital tools like ERP or LMS, the learning pathway remains fragmented. Key functions are separated, leading to operational delays, poor visibility, and inconsistent student outcomes. This fragmentation is a constant burden on time and effort.

Operational Delays

Manual work is still necessary to bridge the gaps between systems.

Fragmented Data

Lack of a unified view of the student's journey from learning to mastery.

Delayed Interventions

Problems are noticed only after poor test results, when it's already too late.

Inconsistent Experience

Students, teachers, and parents juggle multiple applications and logins.

High Hidden Costs

Numerous vendor contracts and reliance on external private tutoring.

Poor Academic Governance

Difficulties in establishing and monitoring school-wide academic standards.

 **Note for the EU:** In the European Union, where the privacy of educational data is crucial under GDPR, fragmented systems increase the risk of non-compliance.

Standalone Systems Address Functions. A Learning Operating System Delivers Results

Traditional tools are built to manage isolated tasks. They were never designed to connect the comprehensive process of learning and improvement. This is the fundamental gap that Trunkie fills.

Standalone Toolkits

School ERP System

Manages enrolment, fees, attendance.

Lacks: Tracking mastery, remediation, exam readiness.

LMS System

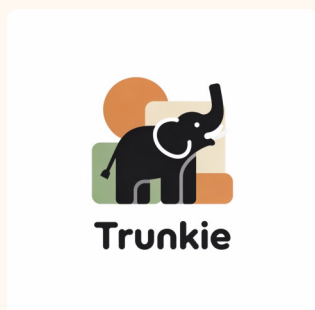
Distributes content, collects basic assignments.

Lacks: Curriculum-aligned pathway, adaptive practice, evidence-based intervention.

Assessment Platform

Conducts tests, generates grades.

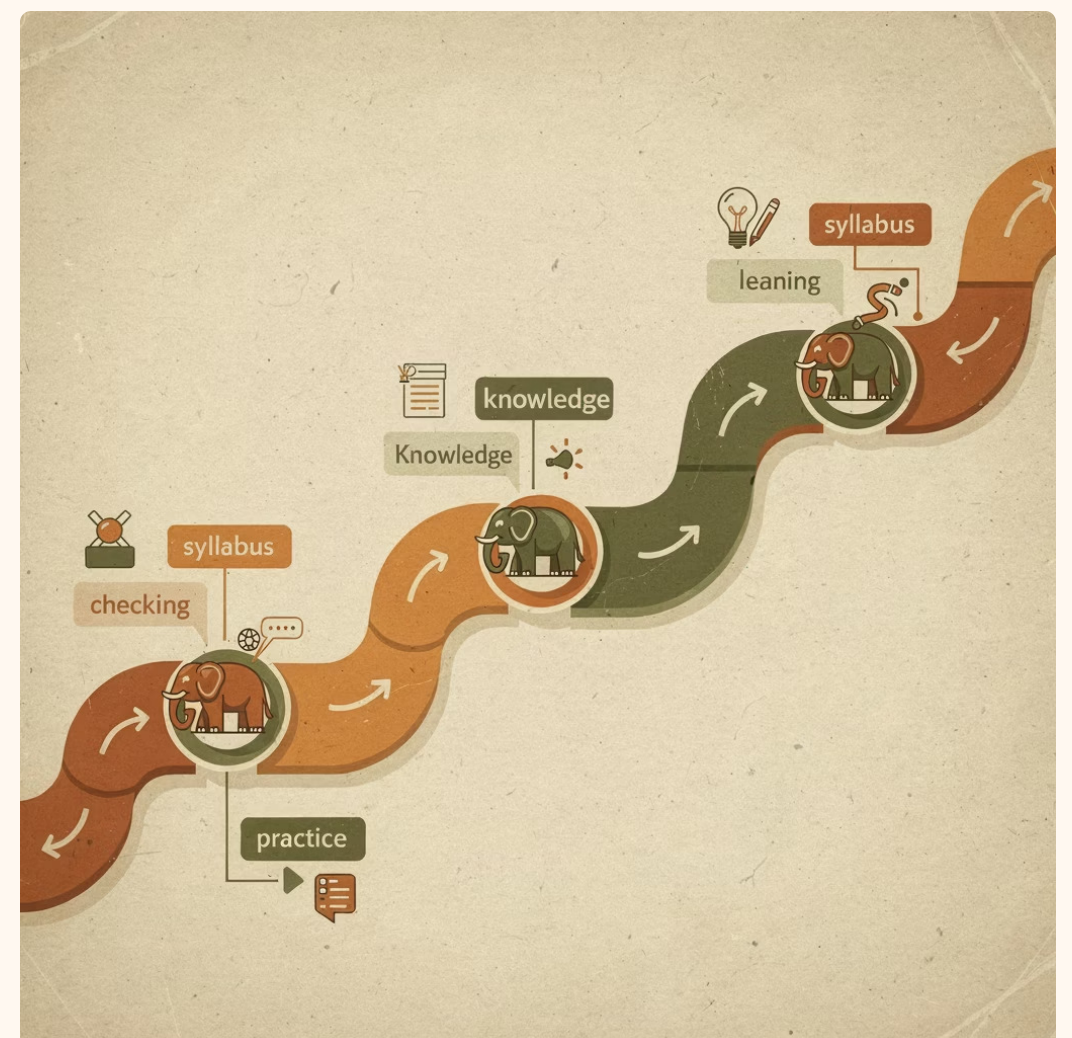
Lacks: Adaptive remediation, teacher workload reduction, scaled Bloom's Taxonomy alignment.



The Trunkie Operating System

A single, connected system that delivers the full cycle of outcomes:

**Curriculum → Learn → Practice → Assess →
Remediate → Exam Readiness**



Today's Student Journey: A Disconnected Path of School, Private Tuition, and Static Practice

Students navigate a fragmented learning world, investing significant time and money across disparate channels. Without connected data, there's no evidence of what truly improves learning, and both teachers and parents lack real visibility.



School Learning

Classroom pace is fixed; individual queries and foundational gaps persist.



External Private Tuition

Monthly additional family expenses to compensate for gaps in practice and concept understanding.



Static Practice

Purchasing question banks offers no personalisation or analytics.



Exam Revision

Late, unstructured learning uptake. Preparation is invisible to the school.

Outcome: Student improvement relies on external support and individual discipline, not a reliable, optimised learning system.

The Trunkie student journey: A guided, 24/7 path to mastery and exam readiness

Trunkie creates one connected learning system. Students learn, practise, and continuously improve within a single cross-platform experience, while teachers and parents receive clear, actionable insights into their progress.



Learn

Access chapter summaries, concept explanations, flashcards, and AI-powered notes.



Assess

Smart tests aligned with Bloom's Taxonomy that measure true comprehension.



Exam Mode

A guided revision pathway directly linked to school exam schedules.



Practise

Adaptive quizzes and tasks generated by topic and difficulty level.



Remediate

Mistakes automatically trigger targeted remediation questions until mastery is achieved.



Outcome: A connected ecosystem where teachers and parents see preparation effort, mastery signals, and remediation activities in real-time.

The Improvement Engine: AI-Powered Productivity and Adaptive Learning

Trunkie doesn't just digitise existing processes, it fundamentally improves them. We leverage AI to reduce teacher workload and provide students with a dynamic practice loop that static tools cannot replicate.

For Teachers: AI-Powered Productivity

- Faster creation and marking of homework, assignments, and tests.
- Structured, data-driven feedback support for students.
- More time for valuable teaching, less on administrative tasks.



For Students: Adaptive Mastery Loop

01

Student makes an error on a question.

02

Trunkie identifies conceptual gaps.

03

Proposes targeted remediation explanations and new question variants.

04

Student re-attempts until mastery improves.

This is impossible with static PDF question banks or basic LMS quizzes.



Launch in Under 4 Weeks, Not 3-9 Months

The value of a new system is zero until it's deployed and in use. Whilst typical multi-tool deployments dislocate schools for months, Trunkie's configuration-led onboarding ensures you're up and benefiting before month-end.

Traditional Systems

3-9 Months

Trunkie

< 4 Weeks

Trunkie's rapid deployment model is designed for minimal disruption to your academic calendar. Our process requires minimal staff involvement from your school, allowing you to reap the benefits almost immediately. **Start transforming your school's ecosystem this term, not next year.**



Why Trunkie Stands Out: A Connected System Delivering Results, Efficiency, and Speed



Comprehensive Operating System

The only platform connecting the entire journey from curriculum to attainment.



True Multi-Platform Experience (Web+App)

Consistent and intuitive access for pupils, teachers, and parents on every device drives daily usage.



Adaptive Remedial Practice

A true mastery loop that responds to pupil errors, unlike static question banks.



Academic Management Dashboards

Real-time data on curriculum progress versus pupil mastery, enabling effective interventions.



Privacy-Ensuring Communication

In-app messaging protects teachers and parents, eliminating the need to share personal contact numbers, fully GDPR compliant.

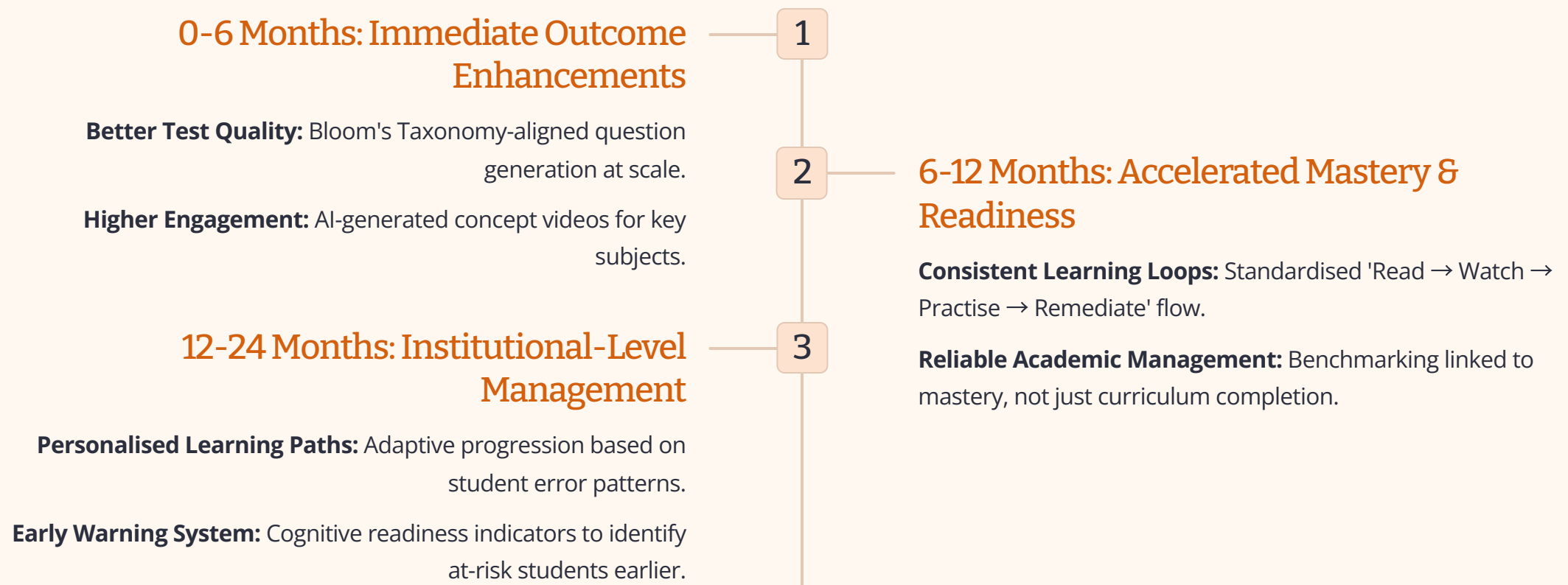


Unrivalled Speed to Value

Launch in less than 4 weeks, a fraction of the 3-9 months required by other systems.

Our Future Roadmap: Commitment to Measurable Outcomes

Our platform continuously evolves to ensure greater mastery, higher engagement, and earlier intervention, without increasing the operational burden on your school.



📌 Roadmap outcomes will be delivered in phased rollouts and verified with school-level outcome data as we improve our features. Tailored to EU curricula.



From a Fragmented Toolkit to a Unified System of Excellence

Trunkie's Proposition

For Your Students

Available 24/7, cross-platform, a guided pathway to mastery.

For Your Team

A powerful productivity engine that saves time for teaching.

For Your Institution

A scalable system ensuring consistent, measurable academic outcomes.

Trunkie is the Learning Operating System designed for the future of education. Ready in less than four weeks.





QuantixAI
AI TRANSFORMATION



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Trunkie