

■ FROM THE KEY 4 LEARNING

Clarify.

An adaptive learning platform that understands how each learner thinks, teaches by asking, and lets a teacher see the whole class.

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■ WHAT IT DOES

Eight things it does, and why each matters.

The learner profile

Clarify scores each learner across five dimensions, from how they take in information to how they behave under pressure. The pattern moves as the learner does.

The Socratic engine

Three modes carry a learner through a concept, from gentle guidance to a mode that raises the difficulty until they reach their edge. In every mode the system asks, not tells.

The teach-back arena

The learner explains a concept to a virtual pupil with its own misconceptions. Where the explanation is unclear, the pupil stays confused, and that confusion is the correction.

The blind-spot scanner

Most learners overestimate or underestimate what they understand. Clarify measures the gap with transfer problems, questions that apply an idea somewhere new.

The mistake autopsy and the decay radar

One tool groups a learner's wrong answers by the pattern behind them. The other tracks what they once knew and is starting to forget.

The playgrounds

Typing a concept into Clarify builds a simulation of it, from planetary orbits to chemical bonds. The learner adjusts it by hand rather than watching it happen.

The teacher's view

A teacher sees an intervention queue ranked by who needs attention first, a map of where misconceptions cluster, and an exam architect built to a stated level of thinking.

The parent's view and engagement

A parent sees progress in plain terms, not platform metrics. Streaks and recognition build a habit of studying, and stop there.

None of these is a chatbot. Each is a specific instrument for a specific part of learning.

■ HOW IT DIFFERS

The comparison, plainly.

	CLARIFY	A TRADITIONAL LEARNING SYSTEM	AN AI TUTORING APP
How it knows the learner	A profile across five dimensions, updated as the learner changes.	A grade level and a subject list.	A stated preference or two, set once.
How it teaches	Asks, in three modes, until the learner reaches the answer.	Delivers the same lesson to everyone.	Answers questions on request.
How the learner practises	Explains the idea to a virtual pupil who can be wrong back at them.	Works through set exercises.	Answers generated practice questions.
How it finds what is missing	Tests belief against transfer problems and tracks what is fading.	Relies on test scores after the fact.	Flags a wrong answer when one is given.
What the teacher sees	A ranked queue of who needs help, and why.	A gradebook.	Usually nothing; the student uses it alone.
What the parent sees	Progress written in plain terms, not platform metrics.	A report card, once a term.	Usually nothing.

■ THE ONE THING

Its tutor can be wrong. That is why it is built to be caught.

The tutor runs on a small model made expert in school mathematics and science, trained against a verifier, so its explanations are checked by something that does not care whose model it is grading.

"honest enough that their answers can be tested by the person relying on them."

The Key 4 AI's mission. Clarify is what it looks like in a classroom.

■ BUILT WITH THE CRAFT

Decide. Build. Prove. Run. Applied to Clarify.

Decide

A learner is not a language-model problem alone. Profile, memory and pedagogy are structured problems, each decided on its own terms.

Build

A small model made expert at the subject. The profile engine. The teaching arena where the learner explains and is corrected.

Prove

The verifier that grades the tutor's own answers. The blind-spot scanner that grades the learner's answers the same way.

Run

On the school's own hardware, or a modest cloud, with the teacher in command of what the system does in their classroom.

■ WHO IT IS FOR

Three people this is built for.

A learner preparing for an examination.

A learner who is struggling and needs to be seen.

A teacher with a full classroom.

First market: school curricula and entrance examinations in India. Built to travel.

See it with your own class.

Write to info@thekey4.ai with the subject "Clarify demo".

Where it stands: built, in early access. Every claim about Clarify is recorded on The Key 4 AI's public Ledger with its status.