Maths help at home

Leer Technologies
NVIDIA Inception pitch
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When homework gets stuck

A child has a maths question. A parent wants a way to explain it.

A learner can type the question or take a photo. Pebble explains a step, and the learner can ask again.

Who does what

01	**Leer Technologies**	Builds Pebble and is developing a marketplace for family services.
02	**Pebble**	Live maths homework help for South African families.
03	**Leer marketplace**	Planned discovery and booking of tutors, coaches and care providers.
04	**OpenLeer Foundation**	A separate public-benefit organisation working to widen access.

Pebble is live

A learner can start with the maths in front of them.

Type a question or photograph homework

Ask for another explanation or a worked example

Practise with the Daily Learning Plan



Pebble mascot · pebble-ai.org

Leer marketplace in development

01

Parents and guardians

Choose a tutor, coach or caregiver around the family's needs.

02

Service providers

Offer availability, prices and a description of their services.

03

Proposed revenue

Test a booking fee or commission once provider checks and booking support are ready.

Who chooses Pebble

01

Parent or guardian

Discovers Pebble, chooses it for the household and can follow practice progress.

02

Learner

Brings a real maths question and asks for help where they got stuck.

03

Reaching families

Demonstrate one homework problem in parent communities and back-to-school media.

What families can try today

01

Their own homework

Learners can bring a maths question from outside the daily plan.

02

Guided practice

A learner can open a planned task and ask about that exact exercise.

03

Parent visibility

Grown-ups can see practice progress. Offline learning is a separate research project.

Planned NVIDIA workloads

01

CUDA and PyTorch

Benchmark GPU inference, embeddings and task-specific model adaptation.

02

NIM / TensorRT-LLM

Evaluate compatible models and serving configurations against latency and cost targets.

03

NeMo and speech tooling

Assess data/evaluation tooling and Riva or Speech NIM where language support and licensing fit.

A reviewed learning pipeline

Data / Curriculum / Syllabus
Modules / Assessments / Tasks

Provenance and editorial review travel with each task. Content corrections and model releases follow separate evaluation and rollback processes.

90 days of GPU evaluation

01

Days 1–30

Baseline the live service on a fixed set of text and photo questions.

02

Days 31–60

Compare a compatible GPU deployment on the same questions and scoring rubric.

03

Days 61–90

Report reviewed-answer quality, response time and cost. Decide whether a wider trial is justified.

What launch establishes

01

Live today

Signed-in maths chat, homework photos, task help and parent progress.

02

Revenue to test

Free and paid household options for Pebble. Marketplace booking fees remain a separate proposal.

03

Evidence to collect

Returning households, cost per reviewed answer and willingness to pay.

The Inception ask

GPU access and engineering guidance to benchmark Pebble's live maths workload.

Help select a compatible inference stack
Compare quality and cost against today's service
Share a reproducible benchmark and deployment decision

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