

CONCEPT · BRAND SYSTEM · PROTOTYPE

Rudi Entdecker

Discover. Learn. Write.

A teaching companion for reading, writing and arithmetic
— grades 1–4.

Classic instruction joined with new technology.

Physical book, digital play, child safety first.

Stages A and B live · rudi-entdecker-material.grok.me · rudi-entdecker.grok.me



Show a way forward — do not turn back

The situation

PISA restates the obvious: reading, writing and arithmetic are the base. Participation rests on them — not on gadgets.

The mistake

Technology is not what fails. Equipment, skill and mindset fail — among teachers and among parents.

The wrong answer

Pulling children away from screens denies the world they live in. AI keeps moving. Leaving them behind is not pedagogy.

This project

A small, honest offer: a new teaching form, book plus play, safety wired in. To try — not a decree.

Rudi is often alone. That is how he becomes an explorer.

01 On his own

His parents work long hours. He walks to school alone. He is responsible — and curious.

02 The city

He walks, reads signs, looks at houses and numbers. The city is his first textbook.

03 The wish

He wants to read, write and calculate properly. He lacks the tools.

04 The box

On a walk: a gift box. Inside — a tablet, a book and a pen.

05 The journey

Learning as play — AI and the pen together, not against each other.

A role model, not a mascot

Rudi does not replace a teacher. He accompanies. Children see someone who is learning too — unsure, diligent, kind.

Curious

Looks first, then taps.

Independent

Walks his path, asks for help.

Responsible

Book and pen belong to the work.

Child-safe

No irony, no ads, no fear.

Audience: children in grades 1–4, parents, teachers. Safety must be built in from the start — not bolted on later.

Grades 1–4 · Reading · Writing · Arithmetic · Hybrid analog + digital

What the game must do

- 1

Interactive

The child acts: taps sounds, builds syllables, fills frames, writes in the book. Not a film to click through.
- 2

Intuitive

One city, three paths, one loop. Little text, large tap targets, Rudi speaks briefly.
- 3

Playful

Tension without pressure. No punishing timer, no broken streak. A star card after the round.
- 4

Taxonomic

Find → practise → understand. Sound before syllable before sentence. Quantity before number before sum.

Progression, protection, curriculum, growth

-  **Difficulty rises**

Easier after misses, harder after hits. Stages A and B are live: texts, sentences, numbers to 20 — and a 3–4 mode on the same assets.
-  **Safety first**

No account, no chat, no upload, no camera. On-device only. Adults stay responsible for use.
-  **Grades 1–4 content**

Reading, writing, arithmetic of primary school. Not an approved textbook. A companion, not a substitute.
-  **Add only what helps**

The physical book stays. English content later (stage C). Class view later. Not everything at once.

Three paths, one loop

READING

Sign Path

Letters, syllables and short sentences on the city's signs. (Schilderweg)

WRITING

Book Path

Build words. Finish analog: write the word or sentence in the child's own book. (Buchweg)

ARITHMETIC

Number Path

Quantities, ten-frame, plus and minus — to 10, then 20. (Zahlenweg)

Loop: arrive → explore → tasks → mini-check → book task → star card.

Not everything at once. That is why it holds.

STAGE A

Live

Grades 1–2. Three paths. 26 signs.
Analog book. Ten-frame. Local, no
account.

STAGE B

Live

Short texts, sentence building,
numbers to 20. Same graphics. No
second visual world.

STAGE C

Next

Finer adaptation, class view, English
task pool. Still no child chat.

The design system is the source. Not decoration.

rudi-entdecker-material.grok.me holds the character, colours, type, signs and the manifest. The app never redraws Rudi. One world — in print and in play.

Colour

Paper, ink, stone, marine. Reading denim, writing cognac, arithmetic sky.

Type

Fraunces for the mark and the signs. Figtree for running text.

Assets

26 signs, character poses, ten-frame, book, UI. One zip, one path.

Print

300 ppi for worksheets. The same figure as on screen.

Made to be tried, not merely claimed

rudi-entdecker.grok.me runs stages A and B: the child walks a path, practises, writes in the book. The prototype is a teaching piece and an invitation — not an approved textbook, not a finished product.

For teachers

See how tasks rise taxonomically. Test whether the hybrid (pen + screen) can live in a classroom.

For parents

See the safeguards: no accounts, no chats. Decide supervision and use themselves.

For the project

Faults become visible (style drift, cache, a missing sign). That is why a prototype is required.

Prevention before features

No child account

No chat with the AI

No upload

No camera

No tracking

No score pressure

Writing stays analog. The app does not read a child's handwriting and stores no photo of the book. Progress stays on the device.

Parents and teachers decide on use and remain responsible for supervision, content and the protection of the children in their care. Use is at their own responsibility.

Technology does not replace the profession

Securing reading, writing and arithmetic takes stance and craft — not only a new tool.

Diagnose first

Know where the child stands. The paths do not replace assessment.

Lead the hybrid

The book task goes into the book. Do not drop the pen because the screen is easier.

Loosen the front

A short impulse, then doing. Rudi is a station — not 45 minutes of projector.

Know the safeguards

No accounts, no photos of children in the cloud. Rules before the first lesson.

Bring parents along

Explain why pen and screen belong together. Do not answer fear with a ban.

Know the craft

If you cannot lead sound and syllable, you cannot use the game well.

Room to grow — without betraying the character

Languages

DE/EN interface is prepared. An English task pool belongs to stage C — after the German core.

Stages

A and B live. C next. Same city, more tasks. No second brand.

Print + digital

Worksheet from the brand book, play from the same file. A media break on purpose, not a style break.

Further subjects

Lock the three basics first. Then, carefully, the world, music, movement — only after a new safety check.

The answer is not less world.

It is teaching that joins the pen and new technology — with protection, with stance, and with a child allowed to be an explorer.

Brand system
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Prototype · Stages A + B live
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