

Research programme on ICT in education

Making Knowledge of Value

Independent scientific research programme (since 2007)

Kennisnet

Kennisnet Foundation supports schools in implementing and optimising ICT use in teaching and learning. It is active in primary, secondary and vocational education.

Problem

A lack of knowledge about the effectivity of ICT among schools and teachers forms a barrier for successful employing ICT applications

Aim research programme

- Practice-oriented research on benefits of ICT applications in education
- What works/ works not with ICT
- For whom, under what circumstances

Research domains

- 1) ICT in teaching and learning
- 2) ICT in the school organisation
- 3) ICT in accounting for education to society and government

Working method

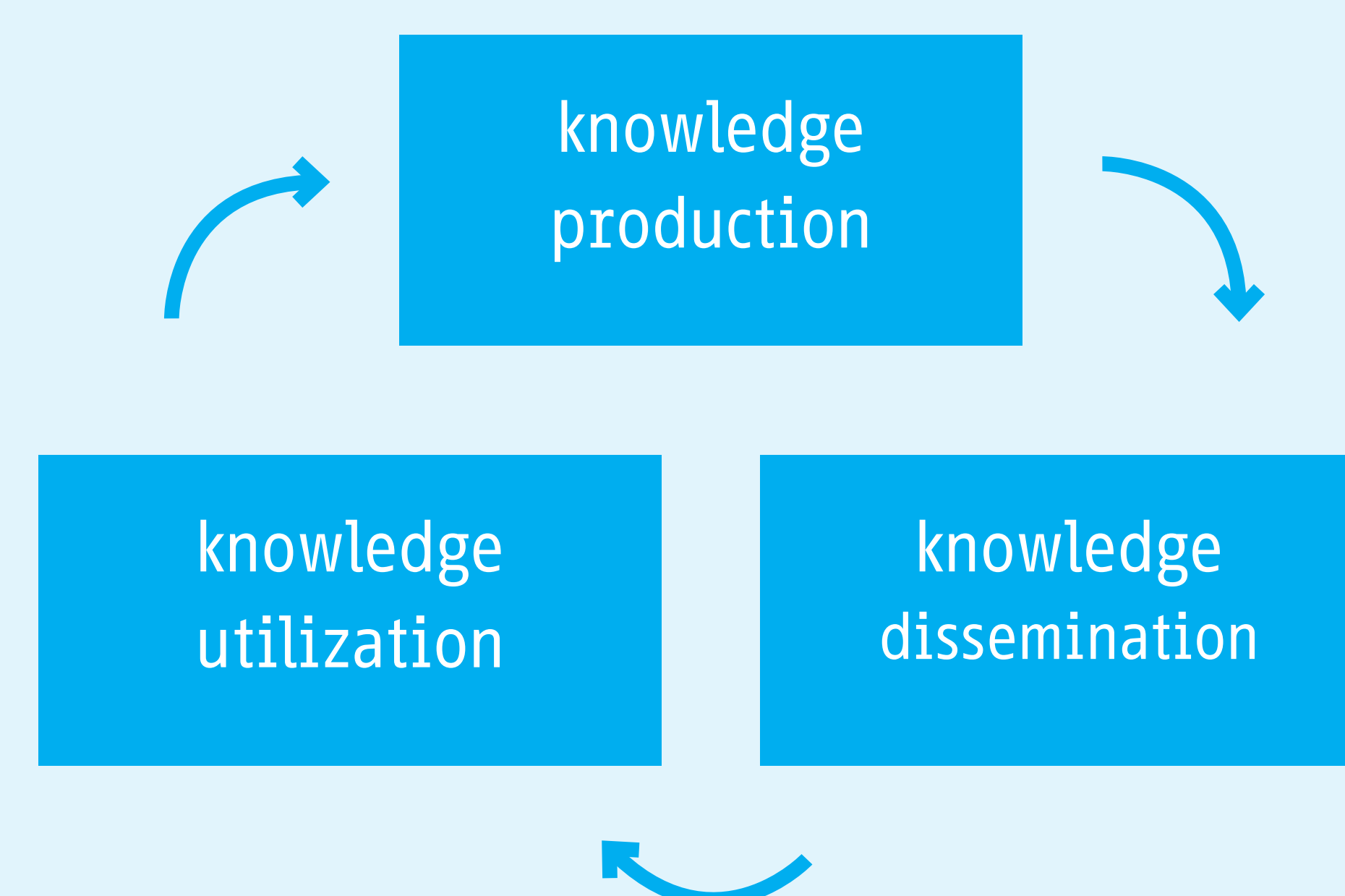
- Demand-driven knowledge development: (new) research questions of schools concerning implemented ICT applications are guiding
- Studies are conducted by knowledge institutes together with schools
- Kennisnet Foundation supervises/ guides research
- Methods are determined by the fit between research question and given educational context
- Mixed methods research including quasi-experiments, interviews and surveys

Knowledge pyramid

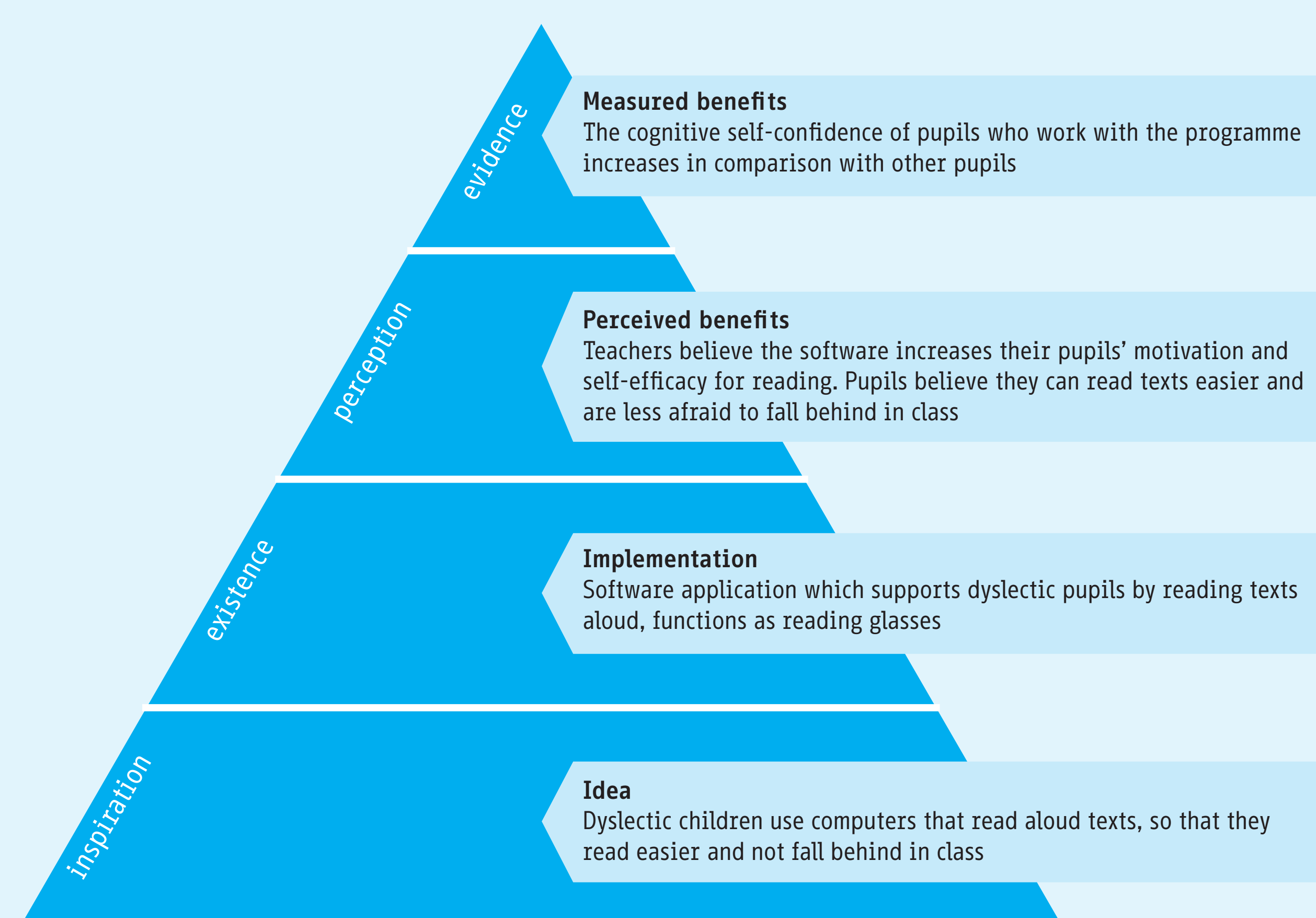
This model for the accumulation of knowledge describes research according to four levels with an increasing value of evidence:

1. Idea: it is possible
2. Implementation: it exists
3. Perceived effectivity/benefits: people believe
4. Measured effectivity/benefits: it is proven

Research programme aims at reaching the top level → provide schools with the strongest evidence of the effectivity of ICT



Example study ICT in learning: software to support reading



Example study ICT in the school organisation: digital registration of absenteeism

