

One Notebook per Teacher

A sustainable concept for
wide ICT integration in school

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Question:

What is the most effective measure for ICT integration in school?

Answer:

Give a notebook to
every teacher



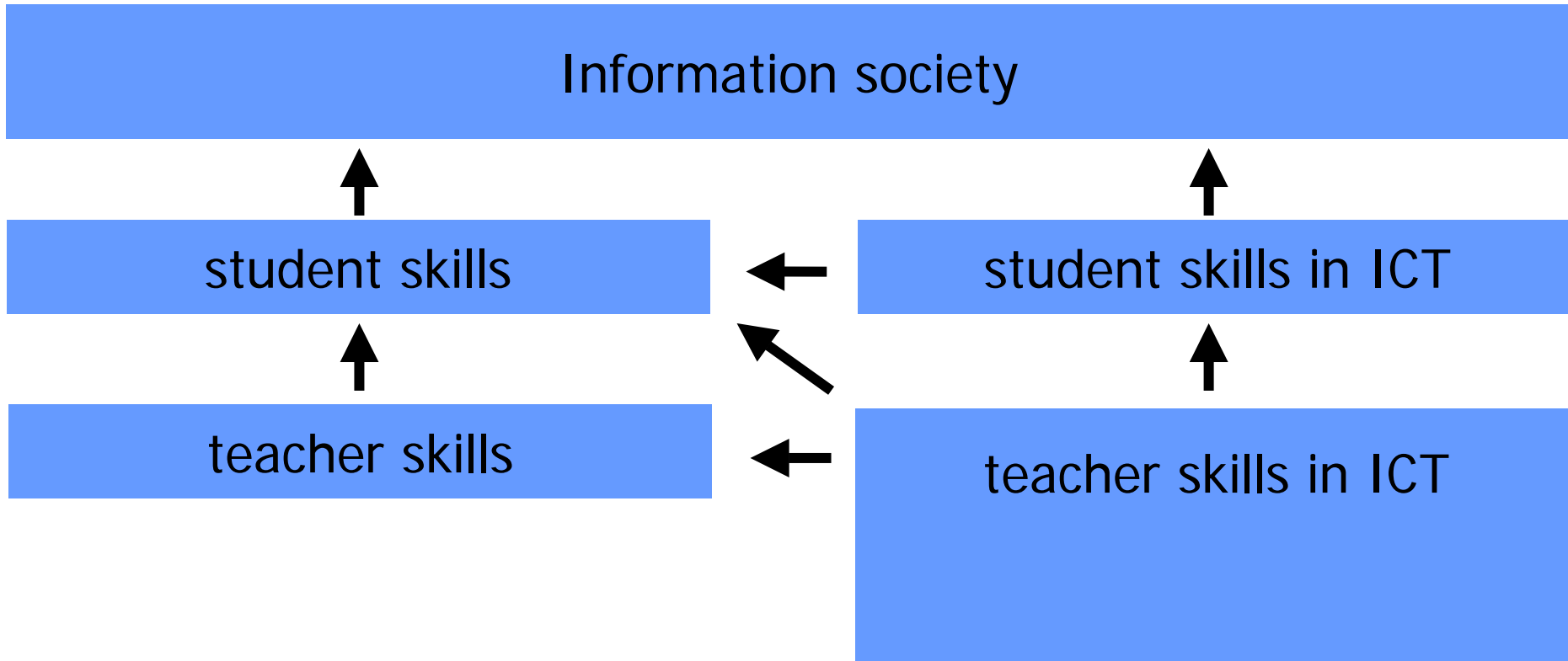
WHY?

Explanation:

Equal access does not
only mean access
to ICT infrastructure...

..but also access to an ICT
empowered teacher.

Explanation

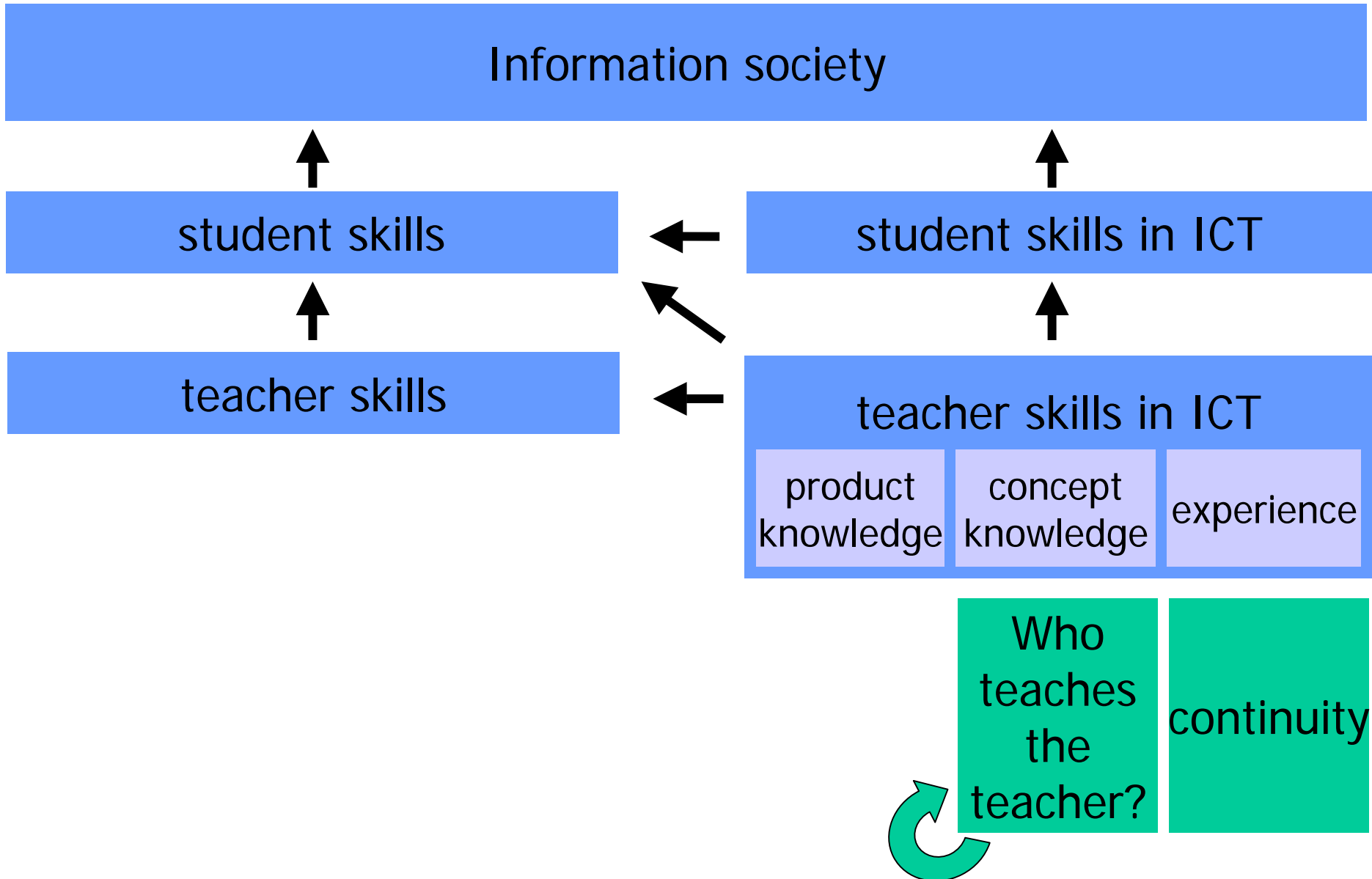


ICT as subject

ICT as media

ICT as tool

Explanation



Explanation

Information society

student skills

student skills in ICT

teacher skills

teacher skills in ICT

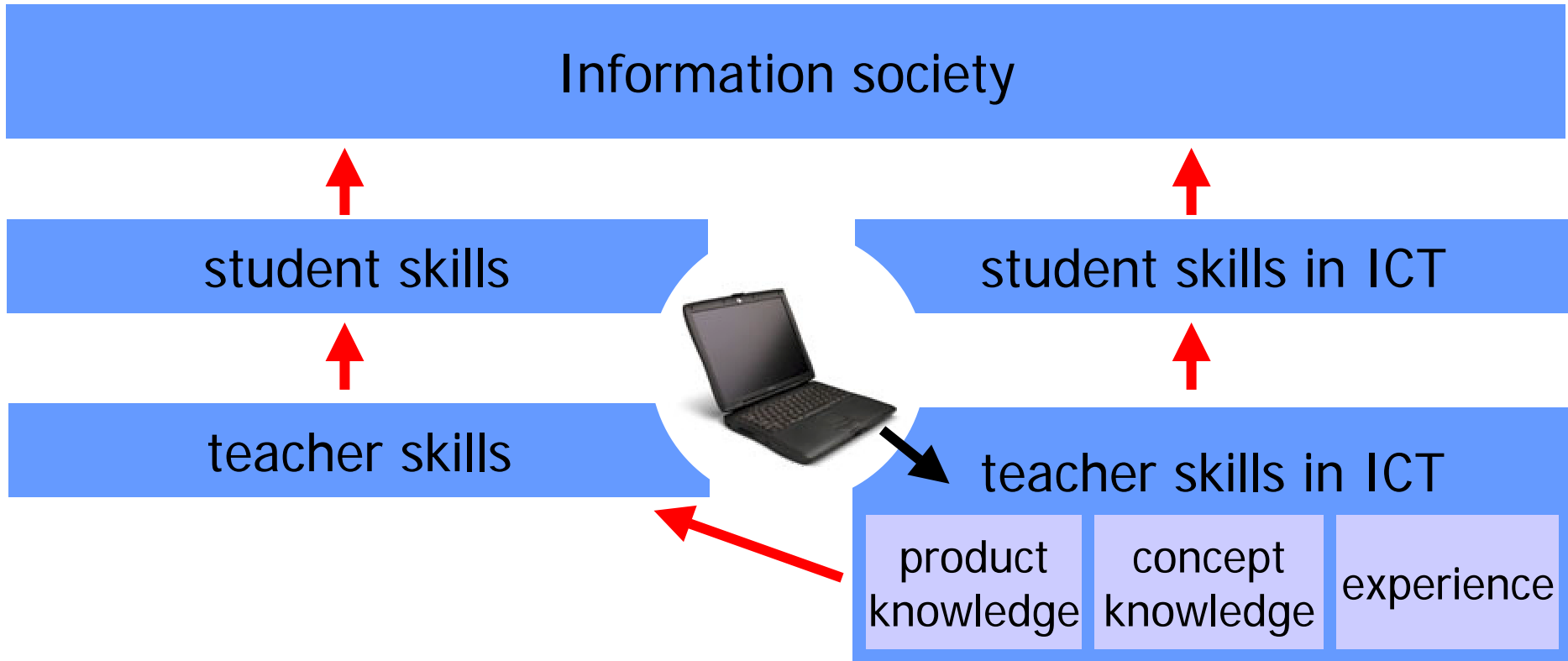


product
knowledge

concept
knowledge

experience

Explanation



Explanation

Information society

student skills

student skills in ICT

teacher skills

teacher skills in ICT

product
knowledge

concept
knowledge

experience

Multiple Use:

- as a teachers tool for school preparation
- as a medium in classroom
- as a students tool in classroom

Benefits

- Signal 1 : ICT is important
- Signal 2 : Teachers are important
- Everyday experience (Use IT)
- Higher utilisation by portability
- Higher utilisation by multiple use
- Standardisation reduces support complexity
- Standardisation simplifies peer support
- Standardisation simplifies exchange of teaching material

Question:

What is the most effective **single** measure for ICT integration in school?

Wrong question!

New Question:

What are the necessary
measures for ICT
integration in school?

Accompanying measures

- **Professional Technical Support**
Grepper/Döbeli: Systembetreuer
GI: Technische Systembetreuung
- **ICT Integrator (Pedagogical Support)**
Grepper/Döbeli: Informatikverantwortlicher
GI: Pädagogische Systembetreuung
- **Teacher development**
- **Notebook Pool**
- **Peripheral Devices Pool**
- **Internet Connectivity**

Answer:

Give a notebook to
every teacher



Impossible?

Answer:

Give a notebook to every teacher



DONE!

Solothurn



Capital of Canton Solothurn

- 16'000 inhabitants
- 45 teachers for grade 6-10
with at least 50% employment (130 total)
- 550 pupils in grade 6-10 (1490 total)
- 4 school buildings (7 total)
- 125 notebooks
- 125% technical support
- 50 % ICT integrator



: **DONE!**

- **1Q 2001: Concept**
- **4Q 2001: accepted by public vote**
- **1Q 2002: Realisation**
- **2Q 2002: Rollout / Teacher Education**





: **DONE!**

Financial aspects

- Funding budgeted & guaranteed for 4 years
- No private money
- No sponsoring
- payed by taxes of citizens (accepted by public vote)

More information?

Now:

Ask us!

Later:

www.infosense.ch/projects/solothurn

DONE :-)