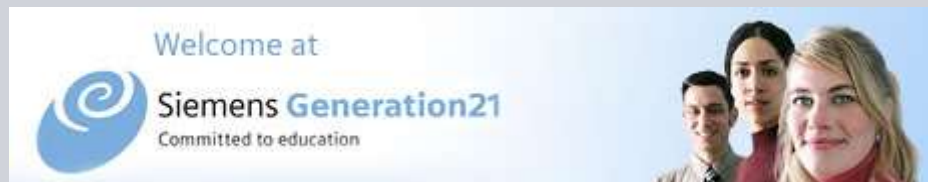


New media ready to serve for science

Boris Goldberg



“... knowledge is the bridge on the road to the future in the 21st century. At Siemens, the future means: unleashing innovation, linking expertise, learning and cooperation, and thinking and acting globally. To ensure that this vision becomes reality, we are honouring our social responsibilities and fostering young people!”



Expertise & support for learning

The education programme Generation21 comprises several projects by Siemens for the initial and further education of young people.

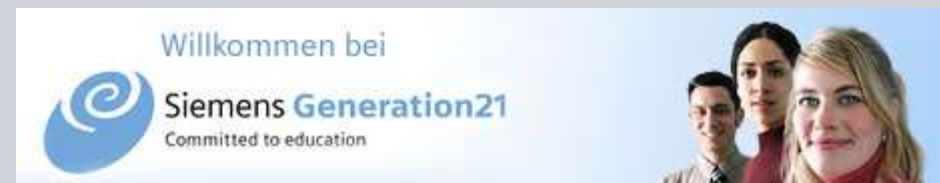
Provision of
knowledge, content and funding for
schools

+

Production of
up-to-date classroom materials

=

Support of
modern mathematics and science
teaching in schools by Siemens



Materials for teaching sciences in schools

- Suitably equipped laboratories are rarely available
- Virtual learning environments can open up new access ways to scientific topics by illustrating and explaining the subject
- Digital teaching materials are specifically suited for this task
- Improved learning by the use of modern interactive media
- But: availability of information and materials



Siemens **Generation21**
Committed to education

Media collections for classroom use

- First-hand expertise: current developments, trends, technologies
- Specific materials for each learning step
- Cross-subject learning: multiple useability of materials in varying teaching contexts
- Blended learning: printable hand-outs, ready-to-use content and applications (worksheets, background information, tables, animations, videos, interactive worksheets, audio samples)
- Developed to complement school curricula



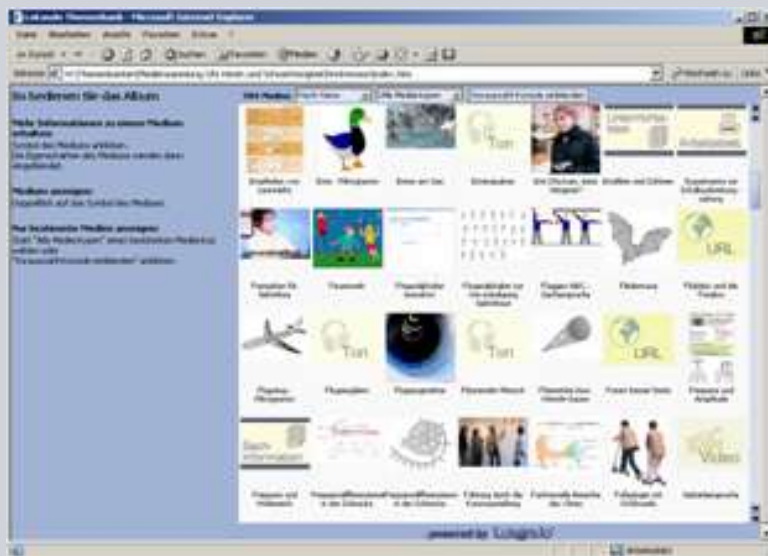
Free at the point of user

- For classroom teaching, for schools projects or open days
- For all school-types and subjects

Special focus: Ear, hearing and hearing impairment

Topics

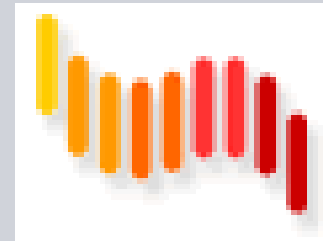
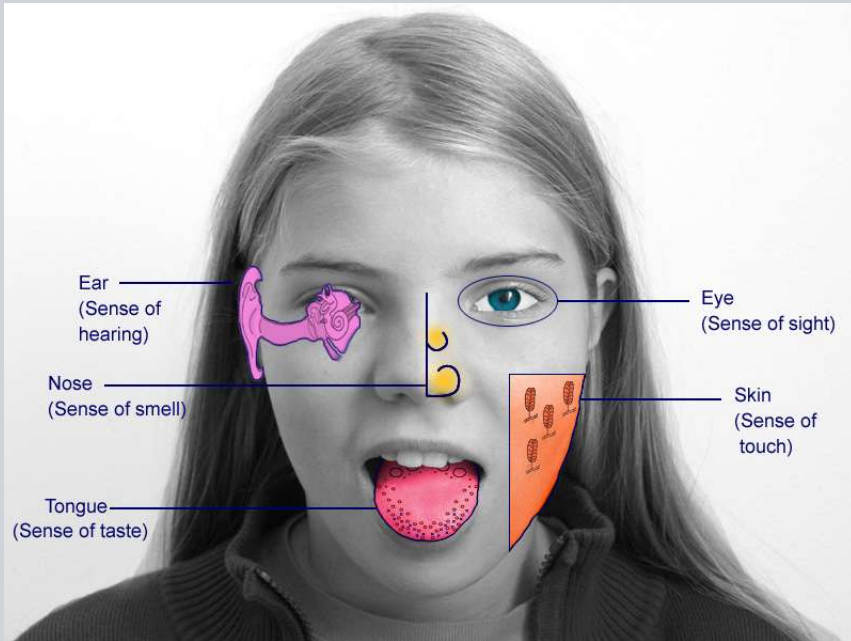
- Structure and functioning of the ear
- Human hearing
- Hearing impairment



The media collection:

- contains 580 different modular media objects,
- developed for the use at fulltime education schools, from primary to vocational school level,
- internationally relevant content.

Exploring the senses

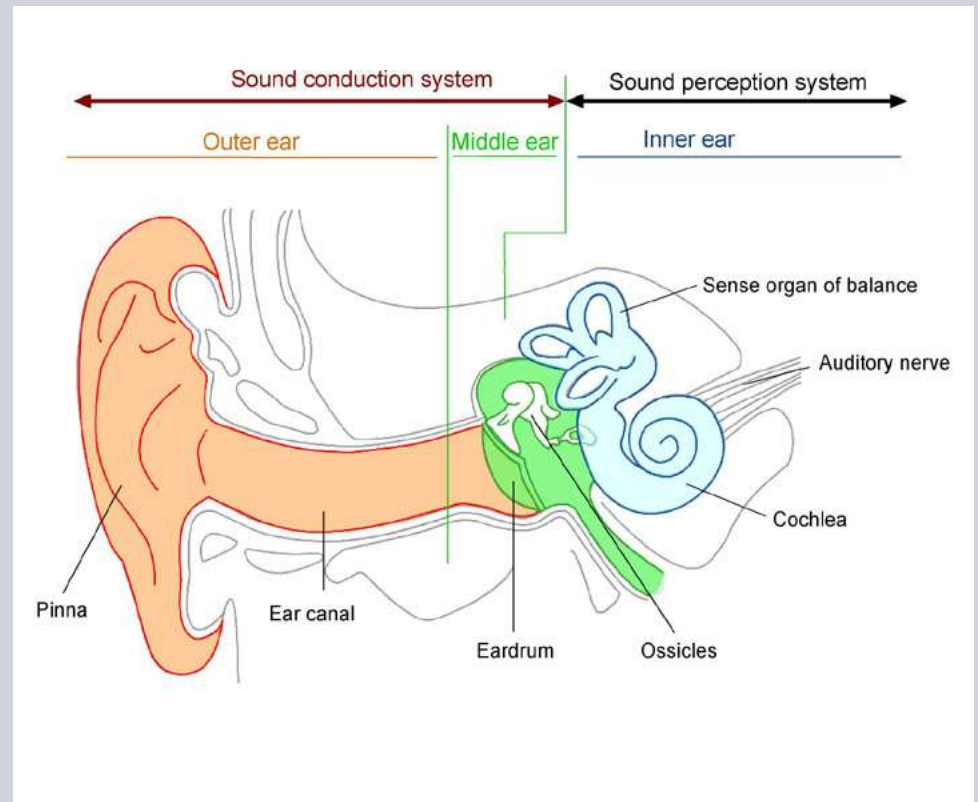


Knowledge test:
Do you know the 5 senses

Teaching Ideas



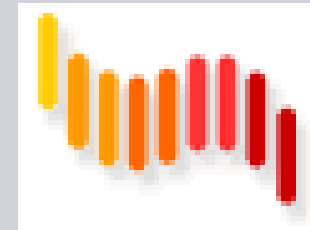
Hearing Process



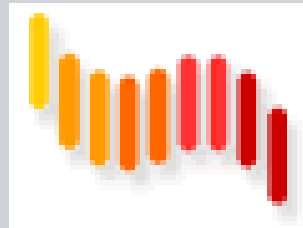
Interaction



Hearing and understanding

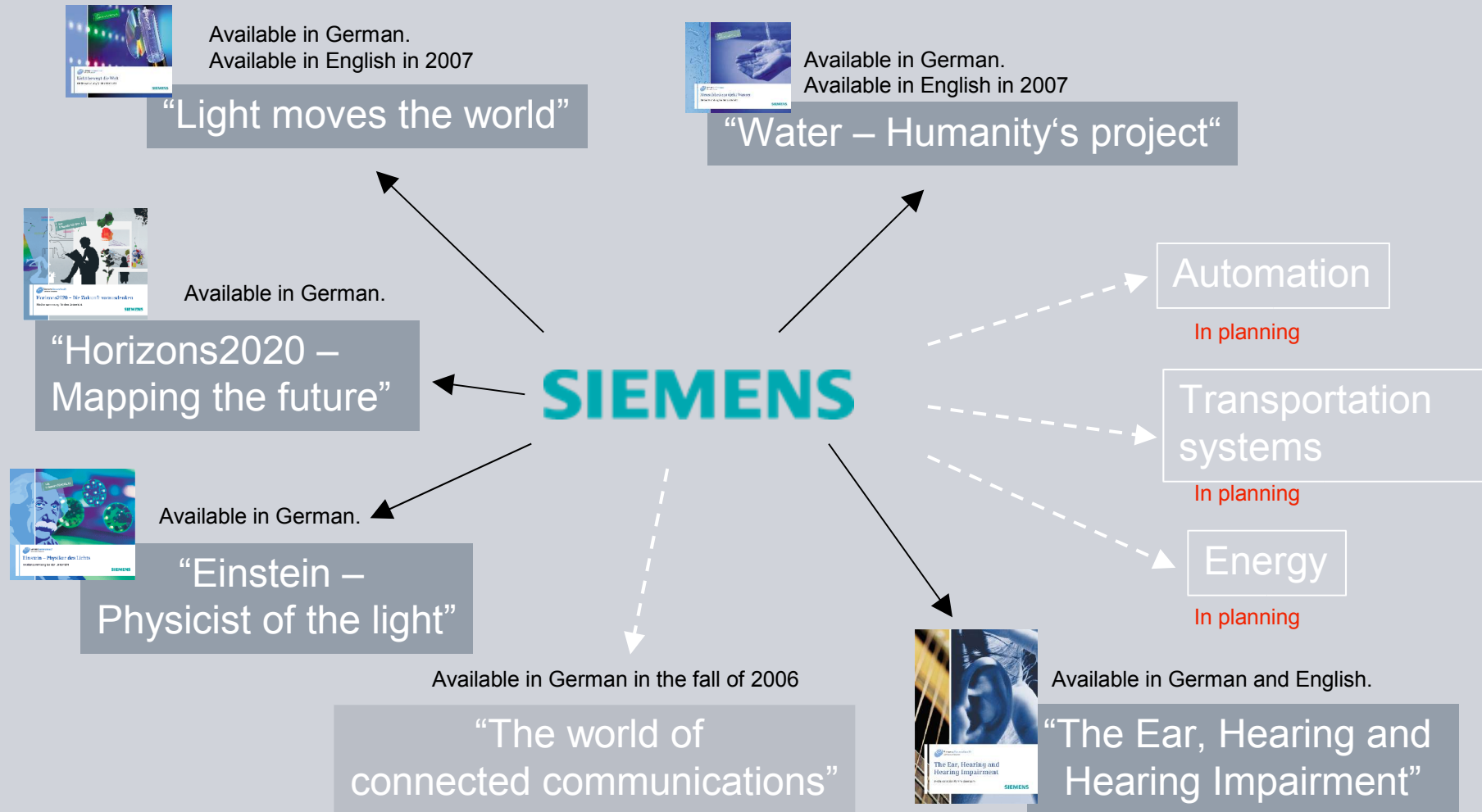


Hearing, recognition, un



Knowledge test: How we hear

Digital classroom materials by Siemens



Workshop: Ear, hearing and hearing impairment

Susanne Flaschin

Siemens AG

Saturday, 17 June

10.00 – 11.00 am.

Room B



Contact

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