

Experimentarium



Xcitors - science from peer to peer



Xciters is:

Learning and communicating science:

- by experimenting
- by telling the good story
- by using inquiry based learning
- by being role models

What did we do?

- 3 courses during a school year
- 3 pupils from each class and min. 2 teachers per school
- workshops focusing on science content and communication tools
- The pupils taught the project at their school to fellow pupils
- Pupils and teachers adapted the project to their school

What do teachers say they need?

- An introduction to the project
- To know what they are entering into
- To know what the pupils learn
- To learn with their pupils
- To learn without their pupils
- Inspiration - teaching materials - science kits
- To discuss how to import Xciters to their school
- Practical help

“What did the evaluation tell us?”

- They do build confidence within science learning
- Functioning as experts enhances the learning process
- They keep their motivation
- They grow and learn with the responsibility
- All pupils say their interest in science has grown
- Over half of the teachers say that the project has changed the way they teach
- The interest for science goes from person to person
- The use of experiments and dialogue helps create curiosity

What did the pupils say?

- "It's no longer just about looking things up in a book, but also about trying them out for yourself."
- "It's a problem if the teacher forgets the project."
- "It's definitely more interesting now."
- "I have learned that science can be fun - it used to be boring, now it's exciting."
- "I didn't used to be so fond about science and now it is my favourite subject."