QRiDi

Mikko Karjalainen, teacher at Liminganlahti comprehensive school, has been using Qridi in teaching mathematics, physics and chemistry.

Why?

Qridi has been designed to meet the requirements of the new basic education curriculum. It can be used to easily document pupils' evaluations and automatically create diagrams to illustrate the progress that the pupils have made. It is also easy to compare pupil evaluations with the teacher's evaluation, for example.

How?

My pupils have performed evaluations after longer working periods in physics and chemistry. The evaluations have focused on how well the pupils have been able to complete the phases of experimental work and on their group work skills.

In mathematics, we have a "basic Friday" routine, in which the pupils have completed tasks outside the classroom in the corridor or in corridor recesses. After the work the pupils evaluate their own and their group members' working and interaction skills.

Usually the pupils have performed the evaluations using their own phones. Sometimes they have used the school's Chromebook devices.

Examples of evaluation targets

o Concentration on working.
o Fluency of working.
o Attitude.
o Enthusiasm.
o Meticulousness.
o Knows this subject area.
o Knows how to ask for help where needed.
o Knows how to help where needed.
o Concentration in group work.
o Taking other group members into consideration.
o Understanding the work instructions.
o Performing the work.

o Results of the work and their processing.

Benefits

o The evaluations are automatically saved in the same, secure place.
o Self and peer evaluations clearly improve the quality and efficiency of the pupils' efforts.
o As I see it, the evaluations help the pupils attain better learning results.
o The evaluation is clarified when the pupils and the teachers know what is evaluated.

Challenges

o The challenge is to consider at the school level what types of queries should be performed and when, so that using the system would not seem too complicated. It takes time to change the teaching culture.
o Formulating suitable queries from the beginning takes time. However, it is easy to find questions presented by other teachers in Qridi.

Tips for use

It is a good idea to start by first thinking a couple of good questions and regularly repeating them for the same group. This is the best way to see how continuous evaluation works for that teaching group. With time, as a teacher you learn what types of questions you should ask and how they direct the pupils' learning. You can gradually increase the number of questions.

I recommend thinking about the questions together with your teacher colleagues!

Pupils' comments

Qridi has been welcomed positively!

Pictures of diagrams: