

How many electronic study resources is too much?

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With the development of information technology, we were ecstatic about the possibilities opened up for educators in the field of electronic teaching tools. More than 10 years ago, at the University of Chemistry and Technology in Prague (UCT), we started creating both passive and interactive electronic study materials, and we were excited to be able to engage today's generation of students with something other than a printed book. As a part of European or national development projects, as well as within the Pedagogical Internal Grant Agency of UCT, a large number of tools were created, some of which still bear the marks of our "learning how to do it".

Then, Covid19 together with distance teaching occurred. Immediately, we were forced to adopt electronic teaching tools and, at the same time, to create another volume of study materials. After the end of this period, the development of electronic materials continues, but educators and students are beginning to get overwhelmed. In addition, many materials created during distance learning would deserve to be reworked into a "standard" form and level.

This presentation summarizes the electronic tools and study resources used in the teaching of General and Inorganic Chemistry, Chemical Calculations and basic inorganic laboratories in the 1st study year at UCT. The benefits or negatives of those compared to face-to-face teaching and "paper" study materials will be discussed. The presentation will also show the possibilities of electronic testing and examination, as well as the possibilities of databases and the generator of paper tests within the Moodle system.