

Online chemistry education platform

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Our ultimate goal is to support effective studying of chemistry by developing an online teaching and learning platform. Our software, called Zosimos, has a friendly and intuitive interface to create and share online learning materials easily. Beyond drawing molecules, chemical reactions, mechanisms showing electron flows, naming structures we would like to support balancing chemical and nuclear equations, multi-step reactions, Fisher projection, etc. To enable independent learning we plan to develop a virtual coaching tool with a chatbot extension.

Zosimos is an open cloud-based learning hub to enhance classroom collaboration and increase the effectiveness of learning. We offer a framework where universities and professors can create and share learning sets with each other and with their students. We would like to support several discipline areas like general chemistry, organic chemistry, physical chemistry, nuclear chemistry, polymer chemistry, biochemistry and other related fields where ChemAxon's professional chemistry search, calculations, drawing and visualization capabilities will be utilized.