

Instructors' guide for managing activities with Zosimos in Sakai (v20)

These instructions are for instructors who use Sakai as their LMS and have the LTI registration tool set up at their school. These instructions assume that the technical integration of Zosimos and Sakai has already been completed. If you do not have LTI technical integration of Zosimos and Sakai set up at your school, please contact zosimos-support@chemaxon.com for the required setup process.

This guide contains:

[Using Zosimos from Lessons](#)

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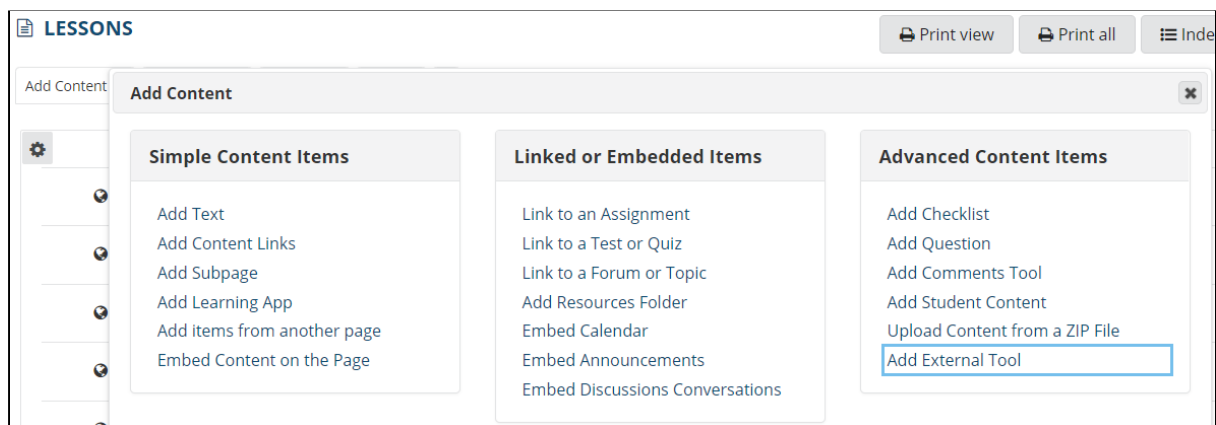
Support

Have a question? You can contact us by emailing zosimos-support@chemaxon.com.

Using Zosimos from Lessons

Create a lesson

1. Log in as an instructor, go to your course site and select the Lessons tab. Click on 'Add Content +' and choose 'Add External Tool'.



2. Provide the name of the lesson (for example, 'Alcohols and Phenols') in the settings window. This name will appear next to the results in the Gradebook.

***Tool Title (Above the tool)**

Note: Please make sure that you don't have lessons and assignments with the same name, as their results could mix with each other in certain cases.

Edit the created lesson and set it so it will open in a new window.

▼ Display Options

Open in New Window

Open in New Lessons tool Page with 'next' and 'back' buttons

Embed on page

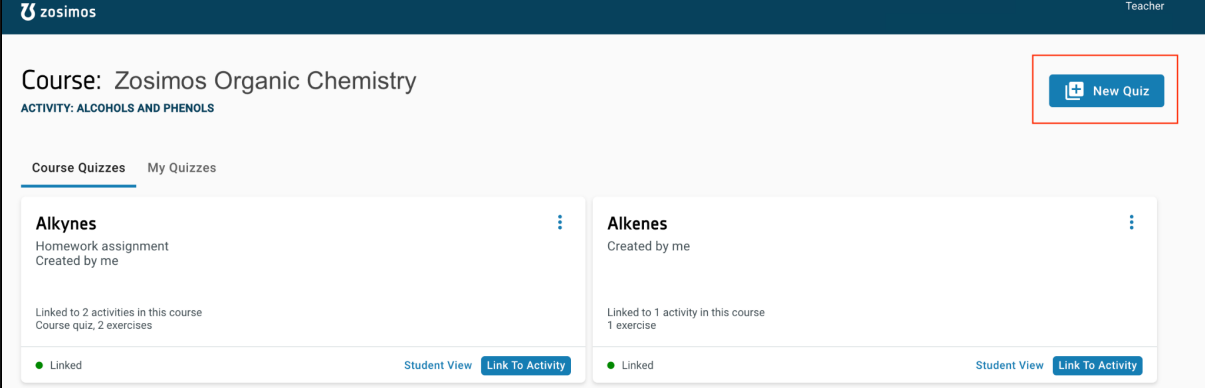
Click on the lesson's name to launch Zosimos in a new window.

3. In the case of using Zosimos with Lessons, the points appearing in the Gradebook equal the points displayed in Zosimos.

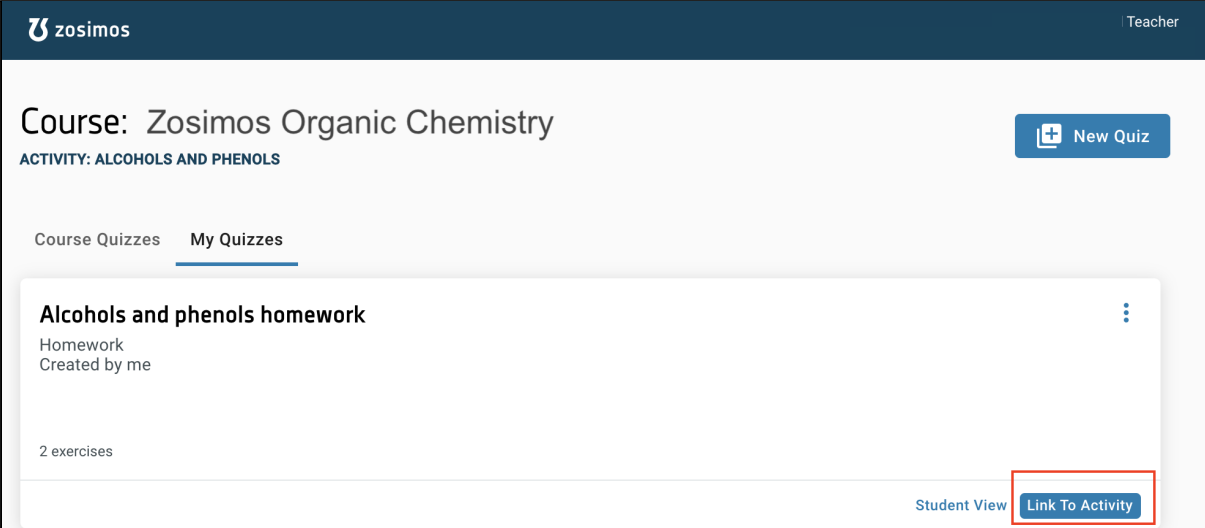
In the case of multiple quiz completions, their final completed quiz result will always be reflected in Sakai. Thus, each student will have only one final result in Sakai.

4. Click on the of the lesson to load the external tool in a new window.

5. Create your quiz by clicking the 'New Quiz' button or choose an existing quiz from 'My quizzes' or 'Course Quizzes'. To link the quiz to your lesson, press the 'Link To Activity' button on the quiz card. After linking the quiz, the result page will automatically appear. This is the page where you will be able to check the detailed students' results later on.



The screenshot shows the Zosimos interface for a course titled "Zosimos Organic Chemistry" with the activity "ALCOHOLS AND PHENOLS". The "Course Quizzes" tab is selected. A "New Quiz" button is highlighted with a red box. Below it, two quiz cards are visible: "Alkynes" and "Alkenes". Each card has a "Link To Activity" button highlighted with a red box.



The screenshot shows the Zosimos interface for the same course and activity. The "My Quizzes" tab is selected. A "New Quiz" button is highlighted with a red box. Below it, a quiz card titled "Alcohols and phenols homework" is visible. The "Link To Activity" button on this card is highlighted with a red box.

6. The lesson quiz will be available to the students after this step in Sakai.

Check the detailed result of a lesson.

1. Go to the lesson you created in Sakai and load the Zosimos external tool in a new window.
2. Select the student and then a specific exercise in their completion you are interested in from the appearing list.

The screenshot shows the Zosimos interface for a quiz titled "Quiz results" under the activity "ALCOHOLS AND PHENOLS". The student "Blackboard Student" completed the quiz on July 27, 2021, at 16:18:30, with a score of 3/4 (75%).

Question 1: "Draw the resonance form of the following structure according to the curved arrows." The question shows a phenoxide ion with a negative charge on the oxygen and a curved arrow pointing from the oxygen to the ortho carbon. The correct answer shows two resonance structures: the original phenoxide ion and a structure with a double bond between the oxygen and the ring, and a negative charge at the ortho position. The student's answer is marked as correct with a green dot.

Question 2: "Draw 1-propanol." The correct answer is shown as a skeletal structure of 1-propanol (HO-CH₂-CH₂-CH₃). The student's answer is marked as incorrect with a red dot and is shown as a skeletal structure of 2-propanol (H₃C-CH(OH)-CH₃).

3. You can see the transferred result in Sakai's Gradebook.