

Instructors' guide for managing activities with Zosimos in Sakai (v21)

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.

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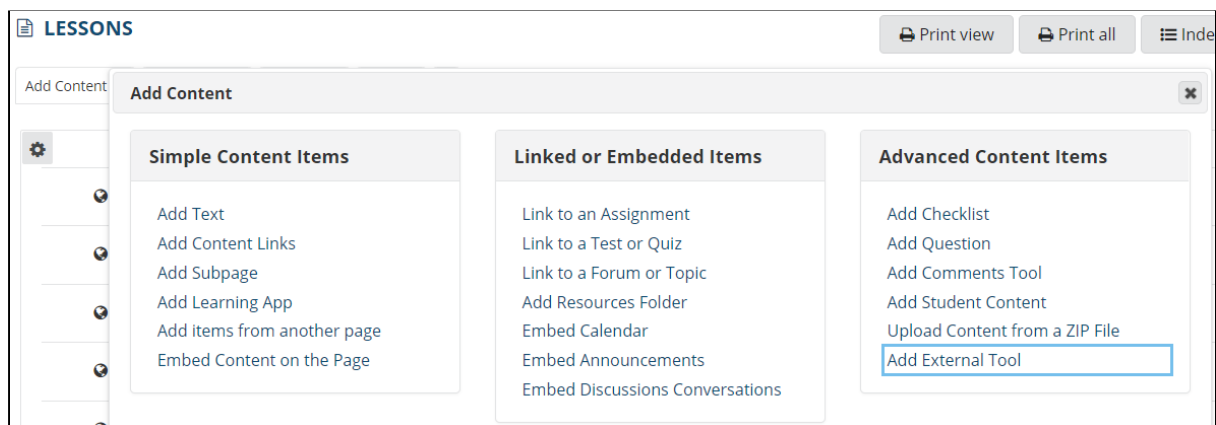
Support

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

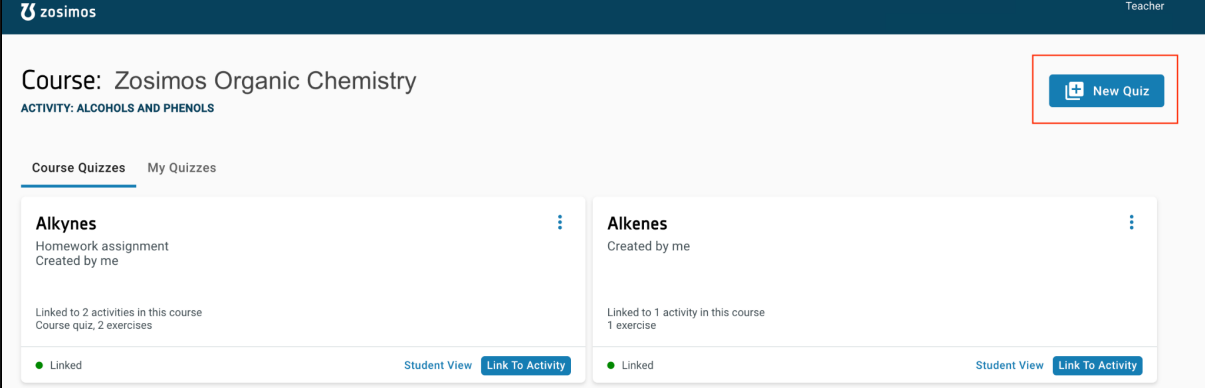
Click on the lesson's name to launch Zosimos in a new window.

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

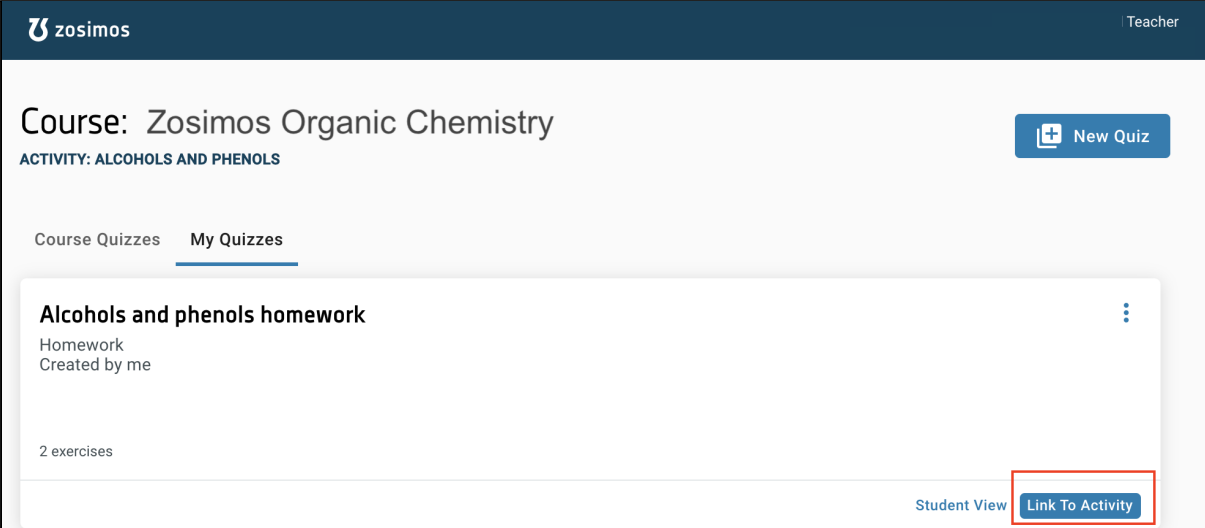
In the case of multiple quiz completions, their final completed quiz result will always be reflected in Sakai. Thus, each student will have only one final result in Sakai.

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 displays the Zosimos interface for a quiz titled "Quiz results" under the activity "ALCOHOLS AND PHENOLS". The student's name is "Blackboard Student", the date is "July 27, 2021 16:18:30", and the score is "3/4" (75%).

Question 1: The question asks to draw the resonance form of the following structure according to the curved arrows. The structure shown is 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 the resonance structure with the negative charge on the ortho carbon. The student's answer is marked as correct with a green dot.

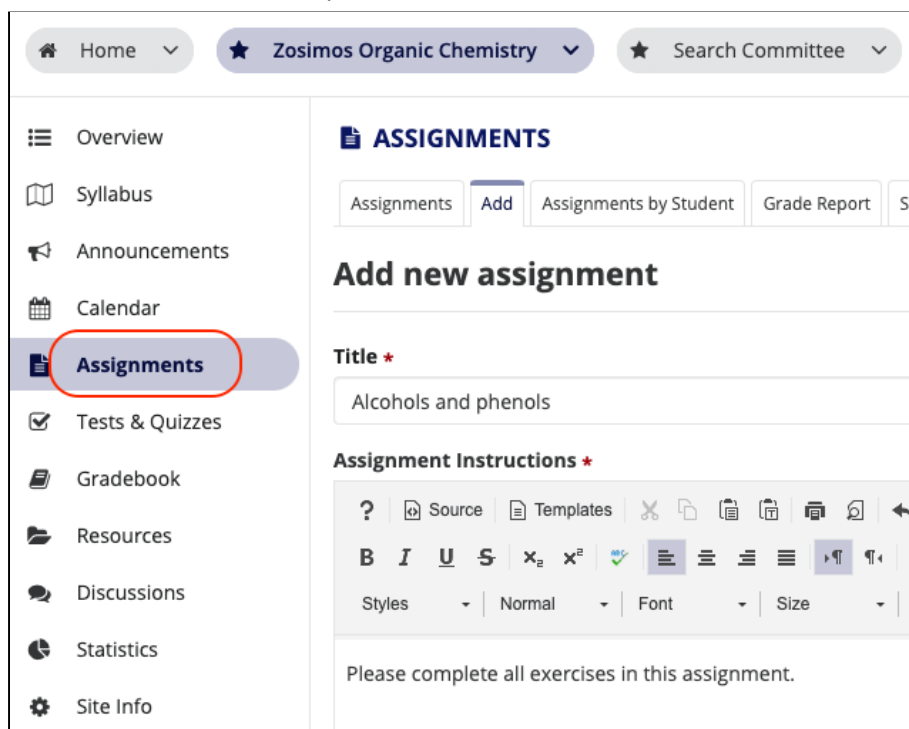
Question 2: The question asks to draw 1-propanol. The correct answer is shown as a skeletal structure: CCO. The student's answer is marked as incorrect with a red dot and shows the structure CC(O)C.

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

Using Zosimos from Assignments

Create an assignment

1. Log in as an instructor, go to your course site and select the Assignments Add tab.
2. Provide the name and the required instructions to the assignment (for example, 'Alcohols and Phenols')



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.

3. Set the 'Submission Type' to External Tool (LTI) and Select the Zosimos tool as an External Tool.

In the settings window input the name of the assignment (this name will appear next to the results in the Gradebook).

*Tool Title (Above the tool)

Alcohols and phenols

Select the option to open the Zosimos tool **in a new tab**.


We recommend setting the dates to leave enough time for students for the assignment. This way, the students can see their detailed results in Zosimos, and they can also retake the quiz as many times as they wish if the resubmission is allowed.

Student Submissions

Submission Type * External Tool (LTI) ▼

Allow Resubmission

Number of resubmissions allowed 2 ▼

Resubmission Accept Until 08/05/2021 07:50 am 

Released Resubmission Notification Email Options:

Do not send notification email to student when the grade is released and resubmission is available

Send notification email to student when the grade is released and resubmission is available

External Tool (LTI) Options

External Tool to launch

Zosimos tool

Select External Tool (LTI)

Load this tool in a new tab

4. Enable the Evaluation and set the 'Points' field to a non-zero value (Sakai will scale the result from Zosimos based on this value. For example, a result of 75% in Zosimos would count as 7.5 points from 10 in Sakai)

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.

Grading

Hide submitters' identities (e.g. for anonymous grading)

Grade this assignment

Grade Scale* Points ▼

Max Points* 10

Send grades to the Gradebook

Create new Gradebook item

Associate with existing Gradebook item

Select a Gradebook Item ▼

Use peer assessment

9. Click the *Post* button.

10. Click on the assignment you created in Sakai and load the external tool in a new window.

Assignment Title

Alcohols and Phenols :

[Edit](#) | [Duplicate](#) | [Grade](#)

External Tool (LTI) Options

Zosimos tool

Go to External Tool

Honor pledge: No

11. 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 assignment, 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.

zosimos Teacher

Course: Zosimos Organic Chemistry
ACTIVITY: ALCOHOLS AND PHENOLS

[New Quiz](#)

Course Quizzes My Quizzes

Alkynes
Homework assignment
Created by me

Linked to 2 activities in this course
Course quiz, 2 exercises

● Linked Student View [Link To Activity](#)

Alkenes
Created by me

Linked to 1 activity in this course
1 exercise

● Linked Student View [Link To Activity](#)

zosimos Teacher

Course: Zosimos Organic Chemistry
ACTIVITY: ALCOHOLS AND PHENOLS

[New Quiz](#)

Course Quizzes My Quizzes

Alcohols and phenols homework
Homework
Created by me

2 exercises

Student View [Link To Activity](#)

12. The assignment quiz will be available to the students after this step in Sakai.

Check the detailed result of an assignment.

1. Go to the Assignment you created in Sakai and load the Zosimos external tool in a new window.

The screenshot shows the Sakai assignment interface. At the top, the assignment title is "Alcohols and Phenols", which is circled in red. Below the title are links for "Edit", "Duplicate", and "Grade". Below this is the "External Tool (LTI) Options" section, where the "Zosimos tool" is selected and the "Go to External Tool" button is circled in red. The "Honor pledge:" section shows "No".

2. Select the student and then a specific exercise in their assignment you are interested in from the appearing list.

The screenshot shows the Zosimos quiz results interface. The title is "Quiz results" for the activity "ALCOHOLS AND PHENOLS". The student is "Blackboard Student", with a score of 3/4 (75%) and a time of 16:18:30 on July 27, 2021. There are two questions shown:

- Question 1: "Draw the resonance form of the following structure according to the curved arrows." The correct answer shows two resonance structures of a phenoxide ion with curved arrows indicating electron movement. The student's answer is marked as correct with a green dot.
- Question 2: "Draw 1-propanol." The correct answer shows the skeletal structure of 1-propanol (HO-CH₂-CH₂-CH₃). The student's answer is marked as incorrect with a red dot and shows a skeletal structure of 2-propanol (H₃C-CH(OH)-CH₃).

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

Students	Course Grade	Alcohols and Phenols
Zosimos Student	-	7.5