

Instructors' guide for managing activities with Zosimos in Sakai (v21 and v22)

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.

The integration guide for LMS administrators can be found [here](#).

If you do not have the 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](#)

[Create a lesson](#)

[Check the detailed result of a lesson.](#)

[Using Zosimos from Assignments](#)

[Create an assignment](#)

[Check the detailed result of an assignment.](#)

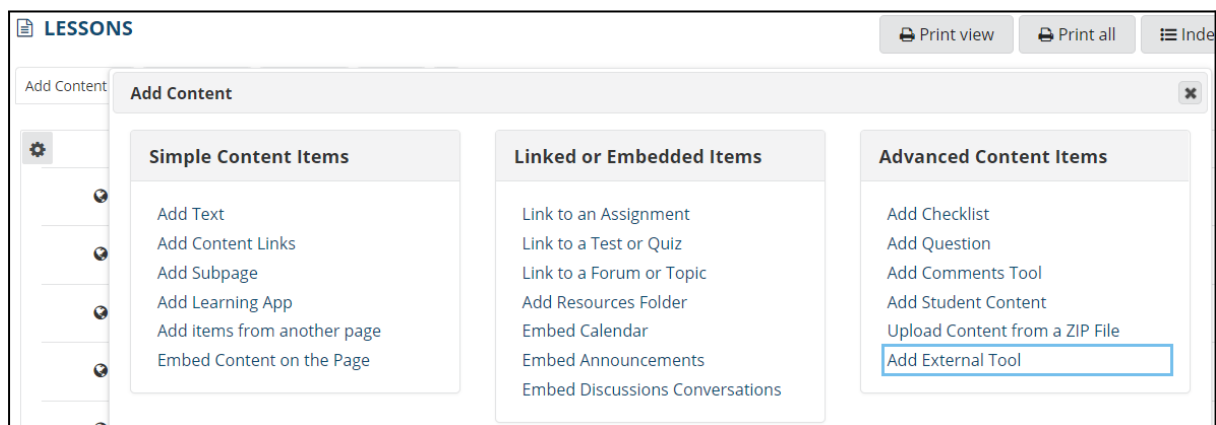
Support

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

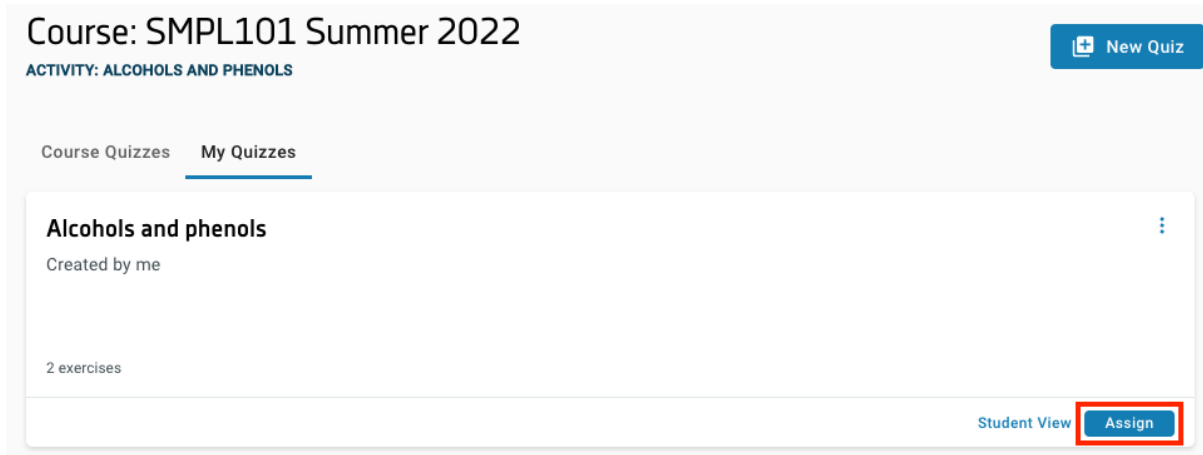
Embed on page

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 a practice quiz, when there are multiple quiz completions, the students' final completed quiz result will be reflected in Sakai. Thus, each student will have only one final result in Sakai.

4. Click on the created 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 assign the quiz to your Sakai lesson, press the 'Assign' button on the quiz card. You can assign the quiz two ways, as a Practice (see 7.a) or as an Assessment (see 7.b).



Assign quiz as ...

You can assign quizzes as a Practice or as an Assessment.

Assign as a Practice

Multiple attempts to complete. Immediate results.

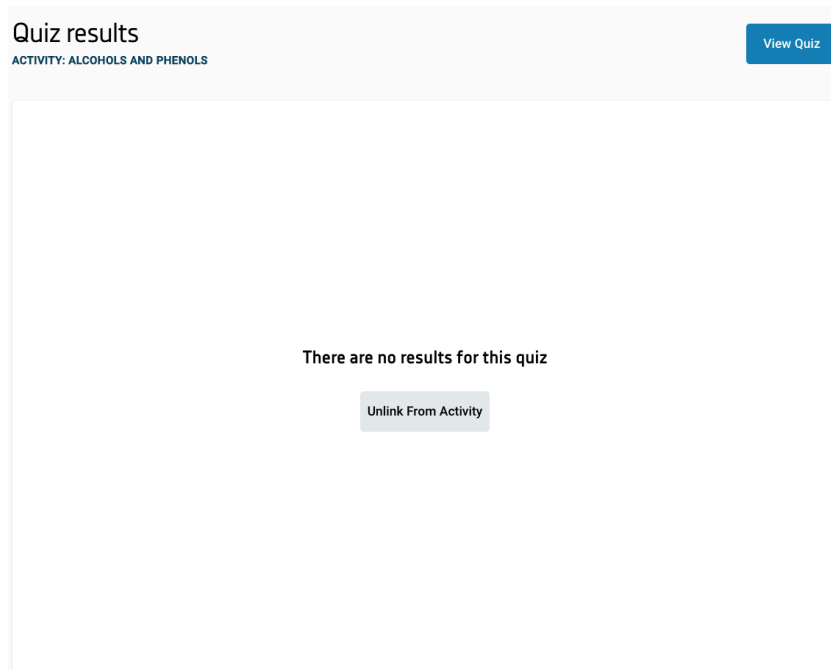
Assign as an Assessment

One attempt to complete. Results not visible until it is released.

[Cancel](#)

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

7.a After assigning the quiz as a practice, the result page automatically appears. This is the page where you will be able to check the detailed students' results later on. At this point, the quiz will be available to the students when they click on the given lesson in Sakai. There is an 'Unlink From Activity' button if you would like to choose another quiz for the activity. The 'Unlink From Activity' is available until the first student begins his/her practice.



7.b After choosing the 'Assign as an Assessment' option you can set up the parameters of the assessment such as:

- Scheduling: the start and closing date of the assessment. The 'Start date and time' cannot be set to the past, and must be before the 'Closing date and time'.
- When to release the results
- What the students can see

Assessment settings

Scheduling

Start date and time:

15/06/2022 16:00



Closing date and time:

15/06/2022 17:00



Release results

Immediately released after assessment closing

Delayed, release manually

Student can see

Total score only

All details (total score, correct answers and exercise details)

Cancel

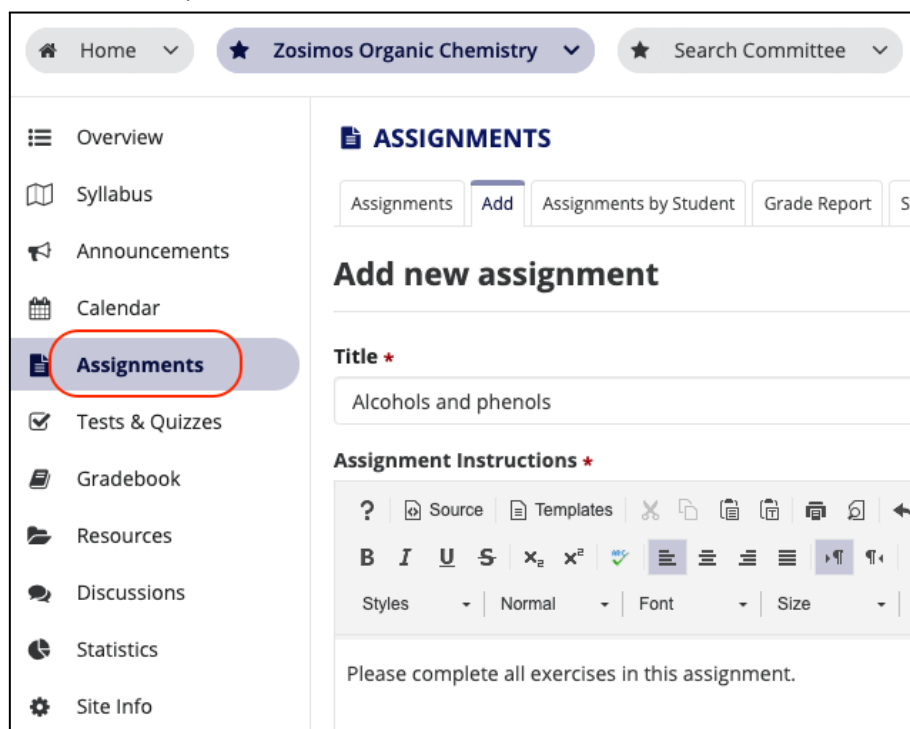
Done

When the 'Starting date and time' is passed, the students can start the assessment and submit it whenever they want. At the 'Closing date and time' the assessments will be submitted automatically.

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. 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 to see their detailed results in Zosimos after the assessment is closed, or in the case of practice quizzes to have the opportunity to retake the quiz multiple times.

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 a practice quiz, when there are multiple quiz completions, the students' final completed quiz result will 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. The assignment will be available to the students after this step in Sakai.

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 assign the quiz to your Sakai assignment, press the 'Assign' button on the quiz card. You can assign the quiz two ways, as a Practice (see 12.a) or as an Assessment (see 12.b).

Course: SMPL101 Summer 2022

ACTIVITY: ALCOHOLS AND PHENOLS

New Quiz

Course Quizzes My Quizzes

Alcohols and phenols

Created by me

2 exercises

Student View **Assign**

Assign quiz as ...

You can assign quizzes as a Practice or as an Assessment.

Assign as a Practice

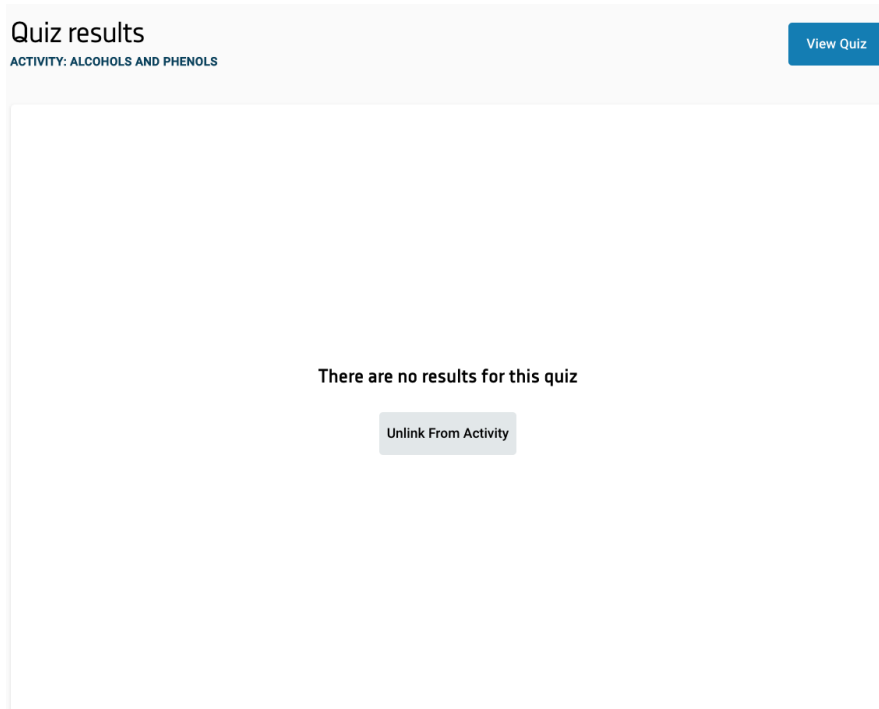
Multiple attempts to complete. Immediate results.

Assign as an Assessment

One attempt to complete. Results not visible until it is released.

Cancel

12.a After assigning the quiz as a practice, the result page will automatically appear. This is the page where you will be able to check the detailed students' results later on. At this point, the quiz will be available to the students when they click on the given assignment in Sakai. There is an 'Unlink From Activity' button if you would like to choose another quiz for the activity. The 'Unlink From Activity' is available until the first student begins his/her practice.



12.b After choosing the 'Assign as an Assessment' option you can set up the parameters of the assessment such as:

- Scheduling: the start and closing date of the assessment. The 'Start date and time' cannot be set to the past, and must be before the 'Closing date and time'.
- When to release the results
- What the students can see

Assessment settings

Scheduling

Start date and time:

15/06/2022 16:00



Closing date and time:

15/06/2022 17:00



Release results

Immediately released after assessment closing

Delayed, release manually

Student can see

Total score only

All details (total score, correct answers and exercise details)

Cancel

Done

When the 'Starting date and time' is passed, the students can start the assessment and submit it whenever they want. At the 'Closing date and time' the assessments will be submitted automatically.

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 image shows two screenshots from the Sakai LMS interface. The top screenshot shows an assignment titled "Alcohols and Phenols" with options to "Edit", "Duplicate", and "Grade". The bottom screenshot shows the "External Tool (LTI) Options" section, where the "Zosimos tool" is selected and the "Go to External Tool" button is highlighted with a red circle. The "Honor pledge" is set to "No".

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

The image is a screenshot of the Zosimos quiz results page. The page title is "Quiz results" for the activity "ALCOHOLS AND PHENOLS". It shows results for a student named "Blackboard Student" on July 27, 2021, at 16:18:30. The student has completed 3 out of 4 questions, achieving a score of 75%. The first question asks to draw the resonance form of a phenoxide ion. The correct answer shows two resonance structures of the phenoxide ion with curved arrows indicating electron movement. The student's answer is marked as correct with a green checkmark. The second question asks to draw 1-propanol. The correct answer is the skeletal structure of 1-propanol (HO-CH2-CH2-CH3). The student's answer is marked as incorrect with a red X and shows the skeletal structure of 2-propanol (H3C-CH(OH)-CH3).

3. You can see the transferred result in Sakai's Gradebook. You can follow what students answer to the exercises in an ongoing practice/assessment. Click on the "Refresh" button to see the up-to-date answers. In the case of an assessment, the evaluation occurs at the submission.

Students	Course Grade	Alcohols and Phenols
		Total: 10 Due: -
Zosimos Student	-	7.5


Sharing the results of an assessment, grade transfer

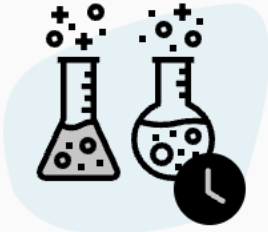
Assessment results

Course: **Advanced Organic Chemistry for the Life Sciences** · Assignment: **Alkynes** · Quiz: **Addition of HX to alkynes**

[View Quiz](#) [Settings](#)

Closed Assessment [Release Results](#)

 **Unreleased results**, not visible for students



Waiting for results
You will see your students' result here.
Try to refresh this page or come back later.

[Refresh Page](#)

When shared according to the setup, the total results will be shown to the students and cannot be hidden anymore. What the students can see, however, can be changed anytime: total score only or every detail of the exercises (their answers and the correct answers). Click on 'Settings' to change the current setup.

Assessment settings

Scheduling

Start date and time:

14/06/2022 16:11



Closing date and time:

14/06/2022 16:12



Student can see

Total score only

All details (total score, correct answers and exercise details)

Cancel

Done

With the result release process, the grades are automatically transferred to the Sakai Gradebook within a short period of time. If the teacher manually modifies the grades in Zosimos after the grade transfer to Sakai, the new grades can be synchronized with the Gradebook and the old grades will be overwritten.

Closed Assessment

Released, only total score visible for students

Sync Results

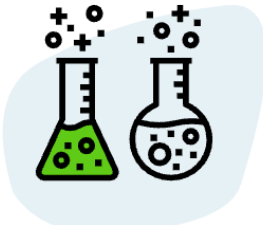
Changing the settings of an ongoing assessment

You can change the settings of an assessment as follows.
Click on 'Settings'.

Assessment results

Course: **SMPL101 Summer 2022** · Assignment: **Alcohols and phenols** · Quiz: **Alcohols and phenols**

[View Quiz](#) [Settings](#)



Scheduled ✓

This assessment will be available for students
on **Jun 23, 2022 17:00**

[Refresh Page](#)

[Delete Assignment](#)

The 'Starting date and time' can be changed before the assessment starts.
The 'Closing date and time' can be changed before the assessment is closed.
The 'Release results' setting can be changed until the closing date and time.
The 'Students can see' setting can be changed anytime, even after the result are released.

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.

zosimos Teacher


Quiz results
ACTIVITY: ALCOHOLS AND PHENOLS

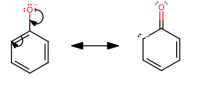
Blackboard Student July 27, 2021 16:18:30 3/4 75%

1 3/3

question Draw the resonance form of the following structure according to the curved arrows.

answers


Correct answer 


Answer 

2 0/1

question Draw 1-propanol.

answers

Correct answer 

Answer 

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

Support

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