

Chemistry: Knowledge Checks

ALEKS Training Series

Instructors

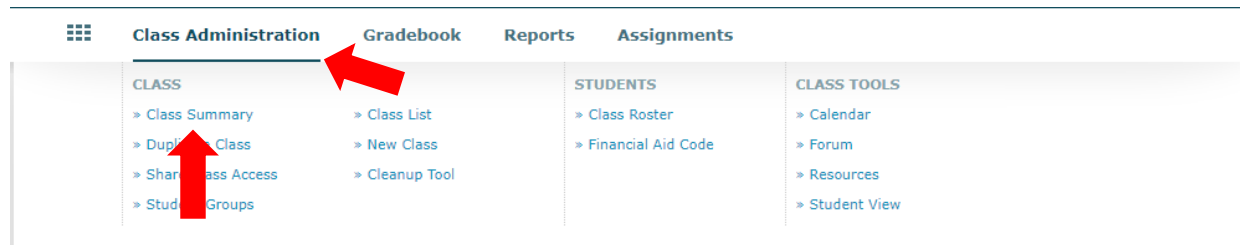


Knowledge Checks

ALEKS will periodically check to see if students have learned a topic short term or if they have mastered the topic for long term retention.

Knowledge checks are a vital *formative* assessment for the students' progress and material retention.

To institute a knowledge check, navigate to your course main page. Under “Class Administration”, select “Class Summary”.





Objectives Editor

You will see a list of modules describing the course. Under “Class Content”, you will see “Objectives Editor”. Click on the “Edit” link next to the Objectives editor.

Class Content

Content Customization [Edit](#)

Textbook: **Burdge: Chemistry, 4th Ed. (McGraw-Hill Education) - ALEKS 360**

eBook Access: **Mandatory**

Objectives Type: **Objectives with a due date for each objective**

Objectives Editor [Edit](#)

Objectives: **15 Objectives**

Class Content: **189 topics**

Post Objective Knowledge Check: **On**

Content and Objective Editor

On the right are your created objective assignments.

A small blue A located next to the assignment name, indicates that students will be assessed on their most recently learned material when they complete the Objective.

If you would like to put in or remove a knowledge check after a specific objective, click on “edit” of that specific objective.

Available Topics	ALEKS Objectives	Due Date
<ul style="list-style-type: none"> Textbook Chapters open all / close all Ch.0-Math and Physics Review-Measurement and Calculations in Chemistry Ch.1-Chemical Foundations Ch.2-Atomic Structure and Periodicity Ch.3-Bonding: General Concepts Ch.4-Molecular Structure and Orbitals Ch.5-Stoichiometry Ch.6-Types of Chemical Reactions and Solution Stoichiometry Ch.7-Chemical Energy Ch.8-Gases Ch.9-Liquids and Solids Ch.10-Properties of Solutions Ch.11-Chemical Kinetics Ch.12-Chemical Equilibrium Ch.13-Acids and Bases Ch.14-Acid-Base Equilibria Ch.15-Solubility and Complex Ion Equilibria 	<ul style="list-style-type: none"> open all / close all Chapter 16.1-6 Homework (10 topics) Edit Ch.16-Spontaneity, Entropy, and Free Energy Chapter 10 Homework (20 topics) A Edit Ch.10-Properties of Solutions Ch.15-Solubility and Complex Ion Equilibria Chapter 11 Homework (23 topics) Edit Ch.11-Chemical Kinetics Chapter 12 Homework (21 topics) A Edit Ch.12-Chemical Equilibrium Chapter 16.7-9 Homework (5 topics) Edit Ch.16-Spontaneity, Entropy, and Free Energy Chapter 13 Homework (30 topics) A Edit Ch.13-Acids and Bases Chapter 14.1-3 Homework (4 topics) Edit Ch.14-Acid-Base Equilibria 	<ul style="list-style-type: none"> 01/23/2019 11:59 pm 02/01/2019 11:59 pm 02/10/2019 11:59 pm 02/10/2019 11:59 pm 03/04/2019 11:59 pm 03/23/2019 11:59 pm 04/02/2019 11:59 pm

New Objective Folder

Adding and Removing Knowledge Checks

In the drop down menu you will see a list of possible edits to the assignment.

The last option is “Post Objective Progress Assessments”.

- If an assessment is scheduled, it will say “Cancel Post Objective Progress Assessment”
- If an assessment is not scheduled, it will say “Restore Post Objective Progress Assessment”. Click on the link to schedule.

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Edit this ALEKS Objective

- Rename ALEKS Objective folder
- Remove Selected Section
- Insert new ALEKS Objective folder above
- Insert Open Pie Objective Above
- Divide this Objective into sections
- Delete ALEKS Objective folder
- Cancel Post Objective Progress Assessment

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- Insert Open Pie Objective Above
- Divide this Objective into sections
- Delete ALEKS Objective folder
- Restore Post Objective Progress Assessment



Placing Knowledge Checks

In Placing a Knowledge Check,

- students will be tested on the topics that they have most recently learned to see if they have retained that knowledge.
- assessments will take approximately 30 - 45 minutes and allow for students to master a topic.
- if a student misses a topic during the knowledge check, it will remove the topic from their pie.

Implementing Knowledge Checks in ALEKS Chemistry

Common Questions:

1. How often should I assign knowledge checks?

- About every 2 weeks
- Every 20 to 30 topics learned

2. Can I alter knowledge checks while course is running?

- Yes, you can always change as demonstrated in this video

3. What are the benefits?

- A non-punitive review to prepare for upcoming exams
- Allow students to revisit topics where they need more practice



Support and Resources

TECH SUPPORT & FAQ:

CALL: (800) 258-2374

EMAIL & CHAT: aleks.com/support

MONDAY-THURSDAY: 7 AM – 1 AM EST

FRIDAY: 7 AM – 9 PM EST

SUNDAY: 4 PM – 1 AM EST

FIND MORE SUPPORT:

supportateverystep.com

FIND MORE TIPS:

mheducation.com/highered/ideas