

# Chemistry: Knowledge Checks (Classic Editor)

ALEKS Training Series

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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**

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

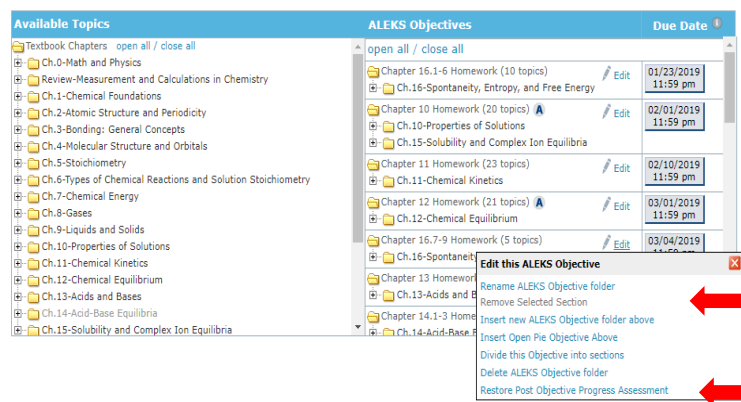
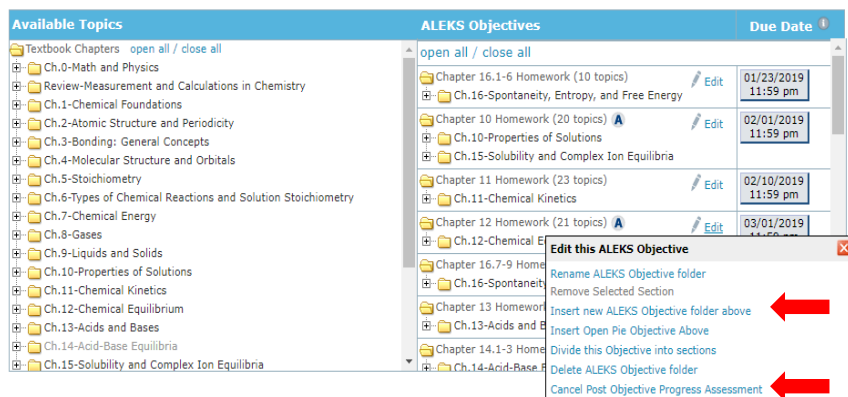
New Objective Folder

# 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.





## 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](https://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](https://supportateverystep.com)

## **FIND MORE TIPS:**

[mheducation.com/highered/ideas](https://mheducation.com/highered/ideas)