

Creating a Question Pool

Last Modified on 07/27/2020 9:51 am EDT

You can assign Question Pools to add a random element to assignments. Each student will be assigned a question out of the Pool at random. Some instructors build assignments with this feature to make cheating harder.

You can create your own Pool in the Pool Editor. In addition, depending on your Smartwork course, there may be premade Pools in the library already. To find them, open the "Type" filter on the main library screen and select the "Pool" option.

Hide All Answers

Creating a Question Pool

When adding questions in the Assignment Editor, you can choose to add a Pool of questions or create a new Pool within the Question Library.

Pool Settings

QUESTION LIBRARY

fbueller@wnnorton.edu

Search the question title...

YOUR CURRENT ASSIGNMENT 0

Filter By:

Clear all filters

CHAPTER

OBJECTIVE

SERIES

TYPE

DIFFICULTY

AUTHOR

	NUM	QUESTION TITLE (1407 results)		TYPE	CHAPTER	AVERAGE TIME
+	1.03 ART	Rank Solar System objects from smallest ...		Ranking	1	03:05
+	1.03 RQ	Identify a characteristic of the Jovian pla...		Multiple Choice	1	02:04
+	1.03 VID	Video: Identify the item(s) that may sho...		Multiple Select	1	06:36
+	1.04	Relate the size of a planet or moon with g...		Multiple Choice	1	02:10
+	1.04 ART	Rank the historical events of the Univers...		Ranking	1	02:07
+	1.04 RQ	Recognize characteristics of the Big Bang		Multiple Choice	1	02:03
+	1.04				1	02:10

CREATE NEW POOL

CREATE NEW QUESTION

Creating A New Pool

From the Question Library, you can add questions from the same or different chapters to create a Pool.

1. In the Assignment Editor, click "Add Questions."

The screenshot shows the 'EDIT ASSIGNMENT' interface. At the top, there's a navigation bar with a back arrow, 'Pooling', 'EDIT ASSIGNMENT', and a user profile 'fbueller@wnnorton.edu'. The main content area is titled 'Settings' with a gear icon. It includes fields for 'Assignment Name' (containing 'Pooling') and 'Description'. Below these is the 'Grades Accepted Until (GAU)' section with a date/time picker set to '11:59 PM' on '(GMT-10:00) Hawaii Time'. There are checkboxes for 'Late work accepted', 'days after the GAU, at', and '% penalty per day'. A 'SHOW ADDITIONAL SETTINGS' dropdown is visible. At the bottom of the settings section is a 'Questions' tab with an 'ADD QUESTIONS' button highlighted in orange. To the right of this button are two buttons: 'Estimated total time: 0 min' and 'Total points: 0 pt'. At the very bottom, there's a 'PREVIEW' button on the left, 'Not published' in the center, and 'PUBLISH' and 'SAVE' buttons on the right.

2. To create a Pool, select the questions by clicking the check box next to each question.

3. In the Pool Editor, you will add the Pool Title. After you've added the title, click "Continue."

The screenshot shows the 'POOL EDITOR' interface. At the top, there's a navigation bar with a back arrow, 'Question Library', 'POOL EDITOR', and a user profile 'fbueller@wnnorton.edu'. Below the navigation bar is a progress bar with three steps: 'Create Pool' (highlighted with a green circle), 'Add Questions' (grey circle), and 'Overview' (grey circle). The main content area contains instructional text about creating a question pool. Below the text is a 'Pool Title' label with a small 'P' icon and a text input field. At the bottom right, there are two buttons: 'Cancel' and 'Continue'.

4. Add the questions you want to include in the pool and click "Add and Continue."

Question Library

POOL EDITOR

fbueller@wnnorton.edu

Create Pool

Add Questions

Overview

Search for Question Title

Q

Filter By:

CHAPTER

OBJECTIVE

SERIES

TYPE

DIFFICULTY

AUTHOR

Clear all filters

	NUM	QUESTION TITLE (1394 results)		TYPE	CHAPTER	AVERAGE TIME
<input checked="" type="checkbox"/>	1.01	Compare the heliocentric and geocentric ...		Multiple Choice	1	01:15
<input checked="" type="checkbox"/>	1.01 ART	Label the relative positions of the planets		Labeling	1	01:49
<input type="checkbox"/>	1.01 RQ	Define scientific cosmology		Multiple Choice	1	02:00
<input checked="" type="checkbox"/>	1.01 VID	Video: Identify properties of nebulae		Multiple Select	1	03:44
<input type="checkbox"/>	1.02	Define the Big Bang theory		Multiple Select	1	06:54

Add and Continue

5. Update the metadata accordingly and click "Save & Exit" to save your Pool.

Note: You can add more questions to a Pool in the Edit Pool window by clicking "Add Question."

Question Library
POOL EDITOR
fbueller@wnorton.edu

Create Pool
Add Questions
Overview

P Pool Title

Sample

Pool Metadata

Book*

Essentials of Geology, Fifth Edition

Chapter*

Section/Ebook Reference*

Learning Objective*

None

Learning Outcomes

Question Number

Series

Difficulty

TBD

Bloom's-Type Domain

None

Description

Pool Questions Add Question

Num	Question title	Type	Chapter	
1.04	Relate the size of a planet or moon with...	Multiple Choice	1	
1.04 ART	Rank the historical events of the Univer...	Ranking	1	
1.04 VID	Video: Identify statements true of volat...	Sorting	1	
1.05 RQ	Recall the properties of the earliest ne...	Multiple Choice	1	
1.07 RQ	Differentiate nuclear fission and nuclea...	Multiple Choice	1	

Save & Exit

6. After you save and exit, the Pool you created will now appear at the top of the Question Library.

Sample Pool Settings
QUESTION LIBRARY
fbueller@wnorton.edu

Search the question title...

YOUR CURRENT ASSIGNMENT 0

Filter By:

CHAPTER
OBJECTIVE
SERIES
TYPE
DIFFICULTY
AUTHOR

NUM

QUESTION TITLE (1408 results)

TYPE

CHAPTER

AVERAGE TIME

+

1.

Sample

Pool | Mixed

1

--:--

Adding An Existing Pool To An Assignment

From the Question Library, you can add an already-existing Pool.

1. In the Assignment Editor, click "Add Questions."

← Pooling EDIT ASSIGNMENT fbuelier@wnnorton.edu

Settings

57886 (Spring 2018, Tues Thurs 9...)
☐ Apply to all [Student Sets](#)

Assignment Name:

Description:

Grades Accepted Until (GAU):
 (GMT-10:00) Hawaii Time
☐ Late work accepted days after the GAU, at % penalty per day.

SHOW ADDITIONAL SETTINGS ▼

Questions ADD QUESTIONS

Estimated total time: 0 min Total points: 0 pt

► PREVIEW Not published PUBLISH SAVE

2. Under Filter By, click "Type" to reveal the dropdown. From the dropdown, click the checkmark for "Pool" and you should see all Pool questions that you created.

← Pooling Settings QUESTION LIBRARY fbuelier@wnnorton.edu

Q

YOUR CURRENT ASSIGNMENT 0

Filter By:

CHAPTER ▾ OBJECTIVE ▾ SERIES ▾ TYPE ▾ DIFFICULTY ▾ AUTHOR ▾

x | Pool

NUM	QUESTION TITLE (1 results)	TYPE	CHAPTER	AVERAGE TIME
+	2. Chapter 2 Pool	Pool Mixed	2	02:26

3. Click the "+" next to the Pool question you want to add and your assignment will update itself.

← Pooling Settings QUESTION LIBRARY fbuelier@wnnorton.edu

Q

YOUR CURRENT ASSIGNMENT 1

Filter By:

CHAPTER ▾ OBJECTIVE ▾ SERIES ▾ TYPE ▾ DIFFICULTY ▾ AUTHOR ▾

x | Pool

NUM	QUESTION TITLE (1 results)	TYPE	CHAPTER	AVERAGE TIME
+	2. Chapter 2 Pool	Pool Mixed	2	02:26

4. You can add a Pool to an assignment more than once, to assign multiple questions from the pool to each student. For example, if a Pool has four questions in it, and you add it to your assignment three times, each student will be assigned three out of the four pooled questions at random.

5. Click "Your Current Assignment" at the top-right of the Question Library to see the Pool added to your assignment. You can also click the arrow at the top-left to go back to Edit Assignment. From there, you can add more questions to your assignment.

Settings 57886 (Spring 2018, Tues Thurs 9...)

Assignment Name: Pooling Description:

Grades Accepted Until (GAU): mm/dd/yyyy 11:59 PM (GMT-10:00) Hawaii Time

Late work accepted days after the GAU, at % penalty per day.

SHOW ADDITIONAL SETTINGS

Questions ADD QUESTIONS Estimated total time: 3 min Total points: 1 pt

Questions	Question Type	Avg.Time	Points	Attempts	Grade Penalties	Hints
Adjust all question settings:						
01 Chapter 2 Pool Total Pool Questions:5	Pool Mixed	02:26	1		0%	ON

Not published PUBLISH SAVE

5. Click "Save."

Removing A Question From A Pool

1. To remove a question from a Pool you created, select the Pool from the Question Library by clicking on the gear icon located to the right of the question description. Click "Edit" from the list.

Sample Pool Settings QUESTION LIBRARY fbuellet@wmorton.edu

Search the question title...

Filter By: CHAPTER OBJECTIVE SERIES TYPE DIFFICULTY AUTHOR

Clear all filters

NUM	QUESTION TITLE (2 results)	CHAPTER	AVERAGE TIME
1	Sample	1	
167 ART	EV test Rank Solar System objects from smallest to largest	1	02:10

EDIT COPY REMOVE

2. Within the Pool Editor, you can see the list of questions, located under "Pool Questions."

3. Locate the question you want to remove from the Pool and click the "x" to the right of the question. A "Remove Question" pop-up window will appear, asking you to confirm if you want to remove the question. Click "Remove" to remove the question from the Pool.

Note: Once you remove the question from the Pool, you cannot undo the action. The question would have to be manually added back into the Pool.

Question Library
POOL EDITOR
fbueller@wmorton.edu

Create Pool
Add Questions
Overview

P Pool Title

Pool Metadata

Book®
Essentials of Geology, Fifth Edition

Chapter®
Chapter 1: The Earth in Context

Section/Ebook Reference®
1.1: Introduction

Learning Objective®
To understand modern concepts concerning the basic architect ...

Learning Outcomes

Question Number
1.

Series

Difficulty
TBD

Bloom's-Type Domain
None

Description

Pool Questions Add Question

Num	Question title	Type	Chapter	
1.06	Describe the nebular theory	Multiple Choice	1	
1.06 ART	Rank the sizes of celestial bodies	Ranking	1	
1.07	Describe how Van Allen radiation belts p...	Multiple Choice	1	
1.08	Describe vertical changes in the atmosph...	Multiple Select	1	

Save & Exit

Remove Question

Are you sure you want to remove <Describe the nebular theory>?
This change will not go into effect until you save your pool.

CANCEL
REMOVE


4. Click "Save & Exit" to save the changes to the Pool.

Notifications from Norton about Deleted Pool Questions

If you get a notification from Norton about a deleted Pool question, there are a few actions you can take. If the flawed question is part of a Pool container, you will see a Flawed Question Icon next to the Pool and the question. A flawed question icon looks like this:

EDIT ASSIGNMENT

53503

Question	Type	Attem
<div>  01 Understand Supply-side Economics <div></div> </div>	Multiple Choice	∞

If the assignment containing the Pool is active, we recommend you remove the entire Pool, since the flawed question alone cannot be removed individually. Any student work on the Pool question will be discarded and grades will be automatically recalculated as a result.

However, if **no** work has been logged yet on the assignment, you can edit the Pool and remove only the flawed question.
