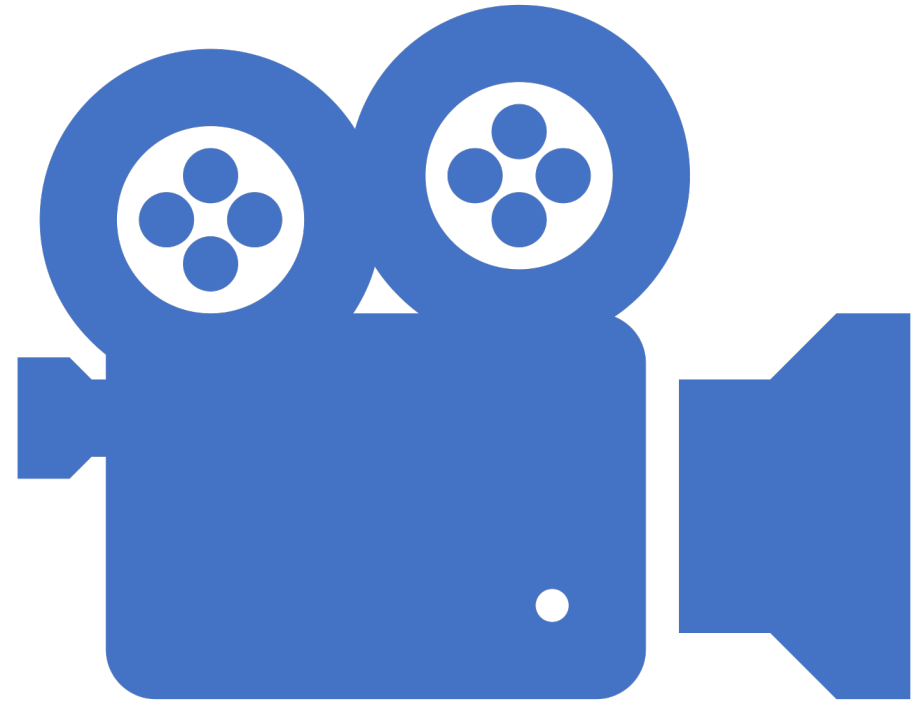




Creating Engaging
Videos using Canvas
Studio (by Adding
Video Quizzes)

CREATE THE
VIDEO





LET'S USE CANVAS STUDIO!



My Library



Name

Collections

+ Collection

Course Tours
Marina Walker

PHYS1050 YouTube Videos
Marina Walker

PHYS1250 Practice Questions
Marina Walker

PHYS1250 Test Review
Marina Walker

PHYS1250 video lectures
Marina Walker

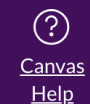
PHYS1260 Practice Questions
Marina Walker

PHYS1260 Test Review
Marina Walker

PHYS1260 Video Lectures
Marina Walker

STEPS

1. Open Studio

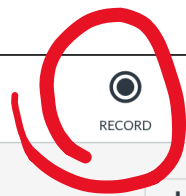


My Library

RECORD

ADD

SEARCH



Name

Collections

+ Collection

Course Tours
Marina Walker

PHYS1050 YouTube Videos
Marina Walker

PHYS1250 Practice Questions
Marina Walker

PHYS1250 Test Review
Marina Walker

PHYS1250 video lectures
Marina Walker

PHYS1260 Practice Questions
Marina Walker

PHYS1260 Test Review
Marina Walker

PHYS1260 Video Lectures
Marina Walker

STEPS

1. Open Studio
2. Click Record

Name ▾ Collections ▾

The screenshot shows a grid of course items in the Canvas LMS. Each item card includes a thumbnail image, a title, and a count of items. A red circle highlights the 'Screen Capture' button in the top right corner of the interface.

Item Title	Count
Course Tours	0
PHYS1050 YouTube Videos	+12
PHYS1250 Practice Questi...	+80
PHYS1250 Test Review	+18
PHYS1250 video lectures	+27
PHYS1260 Practice Questi...	+1
PHYS1260 Test Review	+43
PHYS1260 Video Lectures	+39

STEPS

1. Open Studio
2. Click Record
3. Choose Screen Capture

ECU

Account

Dashboard

Courses

Calendar

Inbox

Commons


Studio

Canvas Help

My

Download Screen Capture Application

Step 1 - Download & install the application to continue.
Step 2 - Re-launch screen capture from the 'Record' menu.

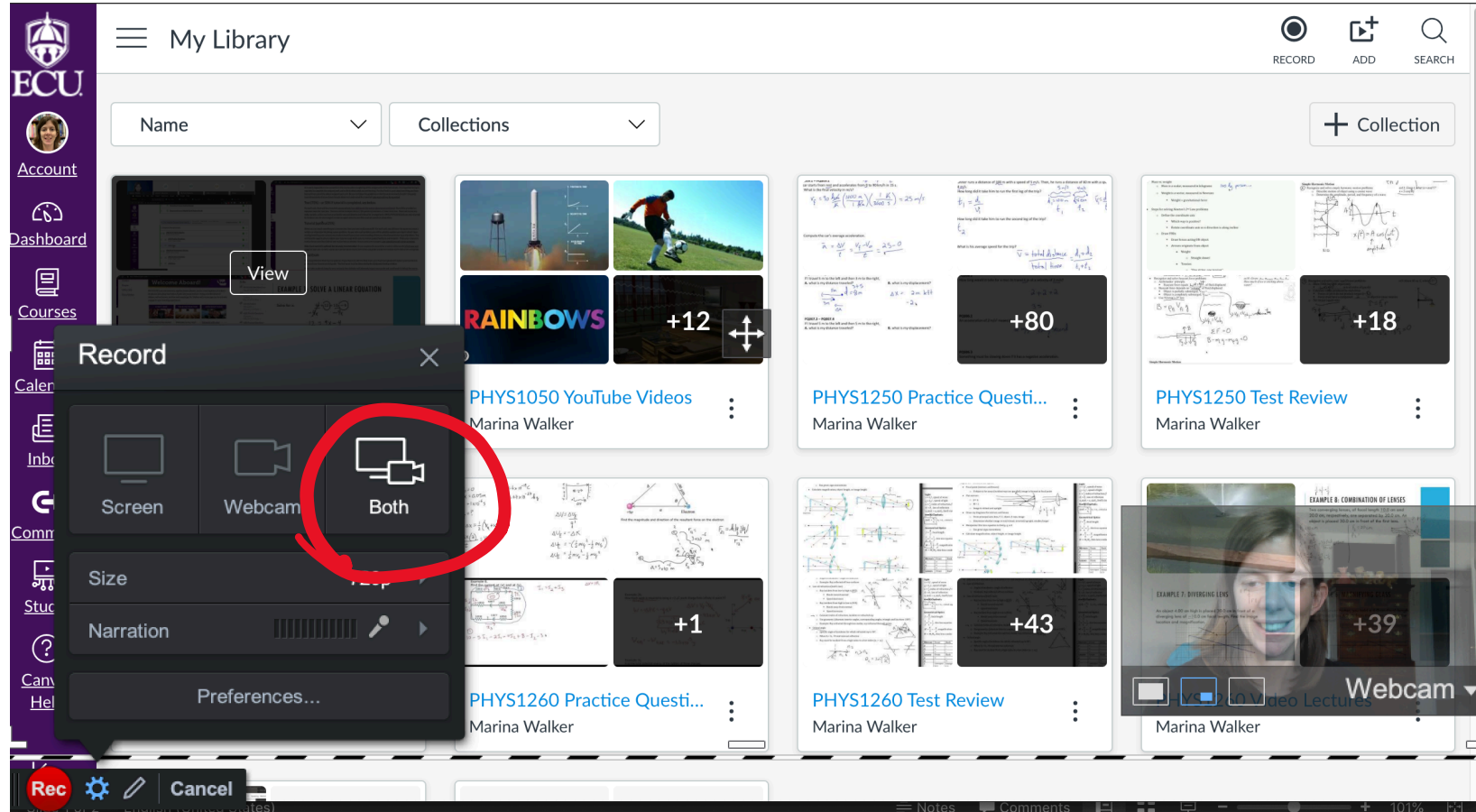


> Open Source Notice

Cancel Download

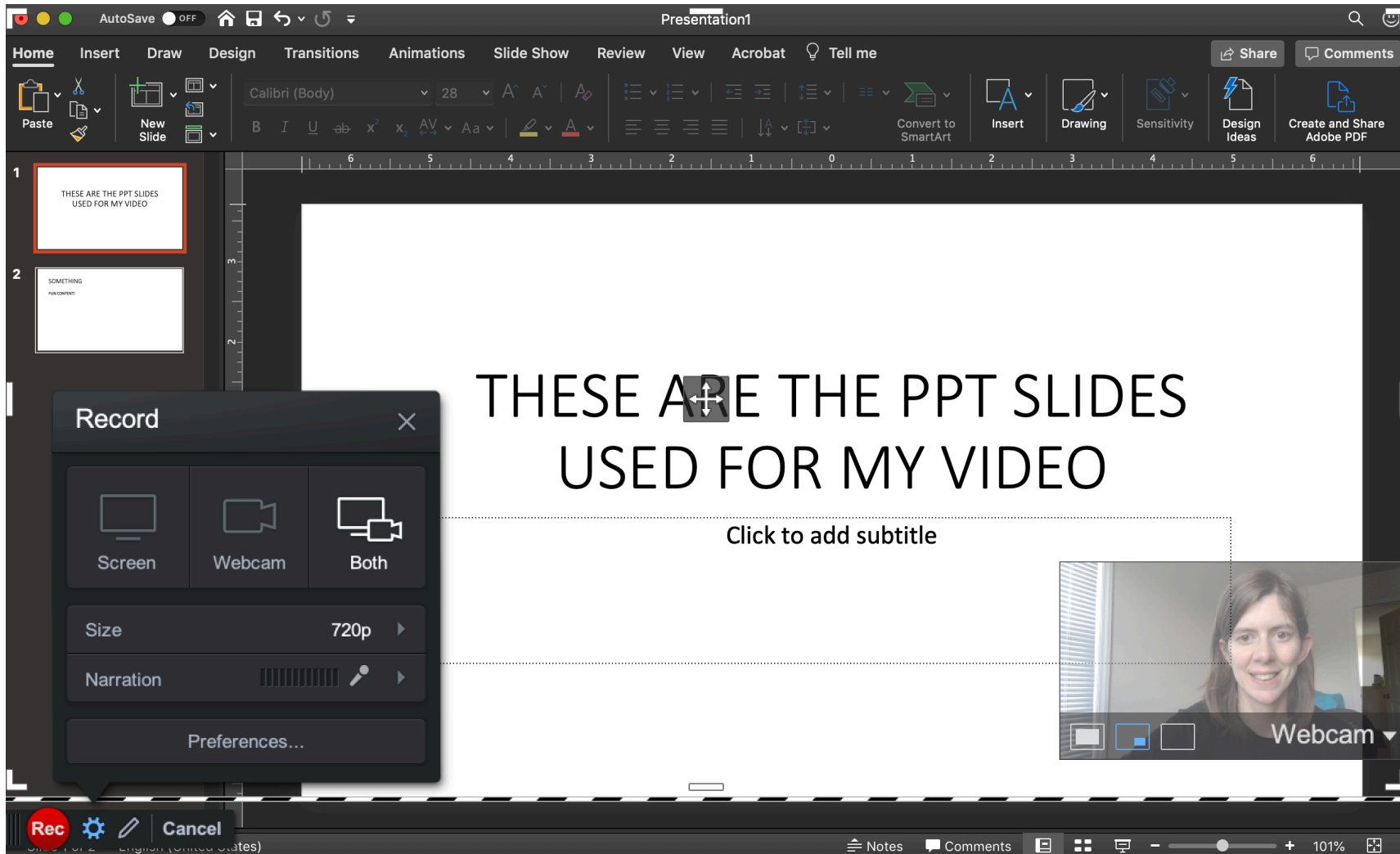
STEPS

1. Open Studio
2. Click Record
3. Choose Screen Capture
4. One-time download



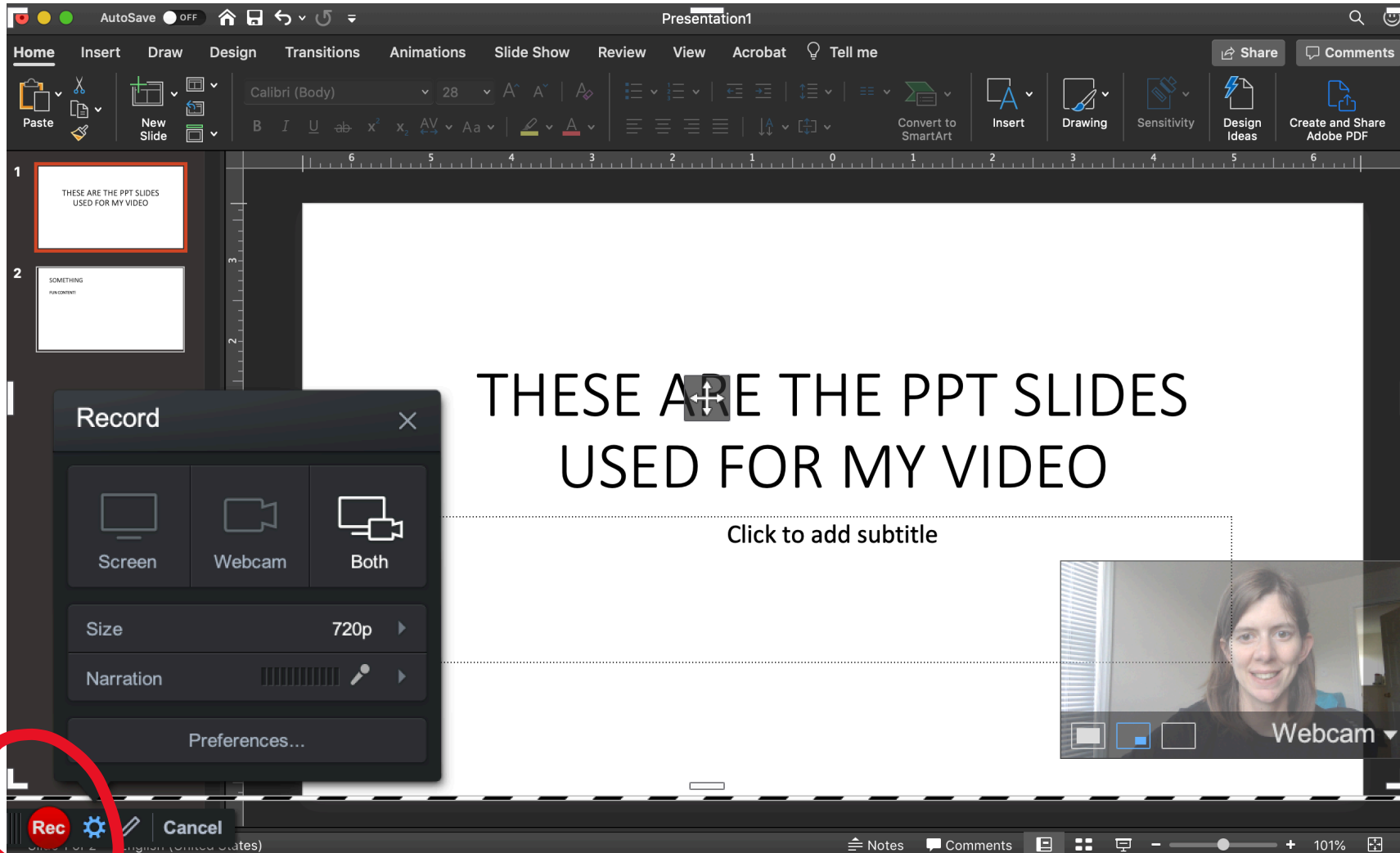
STEPS

1. Open Studio
2. Click Record
3. Choose Screen Capture
4. One-time download
5. Choose "Both"



STEPS

1. Open Studio
2. Click Record
3. Choose Screen Capture
4. One-time download
5. Choose “Both”
6. Open your content



STEPS

1. Open Studio
2. Click Record
3. Choose Screen Capture
4. One-time download
5. Choose “Both”
6. Open your content
7. Click “REC”

Switch!



LIGHT IN FRONT OF YOU



CAMERA EYE-LEVEL



MISTAKES?



TIP #1

Keep it short!

5 – 10 Minutes

TIP #2

Write a script





NEWTON'S 2ND LAW: APPARENT WEIGHT

v026



NEWTON'S 2ND LAW: AN INCLINE

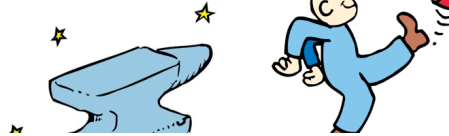
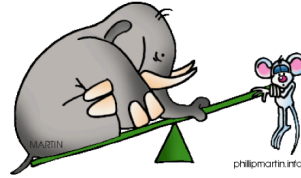
v027

TIP #3

One topic per video

Newton's First Law of Motion: Law of Inertia

- Inertia
 - Property of objects to resist changes in motion
- Mass
 - The quantity of matter in an object
 - A measure of the object's inertia
 - SI Unit: kg

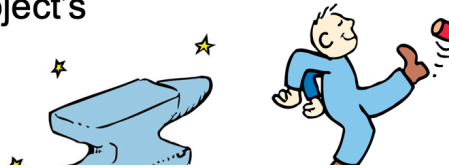
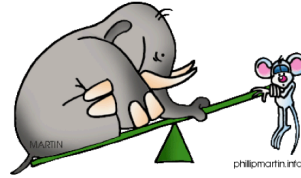


TIP #4

One idea per
slide

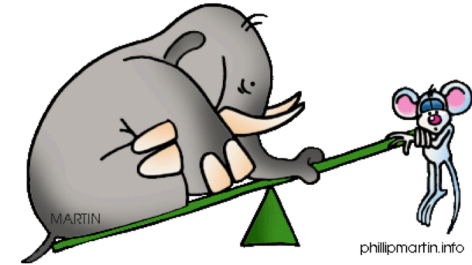
Newton's First Law of Motion: Law of Inertia

- Inertia
 - Property of objects to resist changes in motion
- Mass
 - The quantity of matter in an object
 - A measure of the object's inertia
 - SI Unit: kg



INERTIA

- Tendency of objects to resist changes in motion

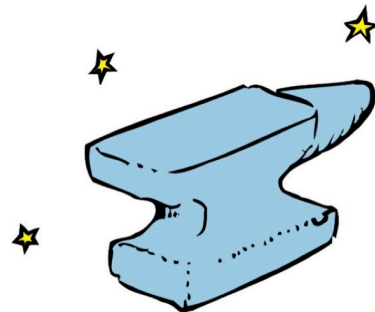


TIP #4

One idea per
slide

MASS

- The quantity of matter in an object
- SI unit: kg
- Scalar



MASS IS A MEASURE OF THE OBJECT'S INERTIA



TIP #5

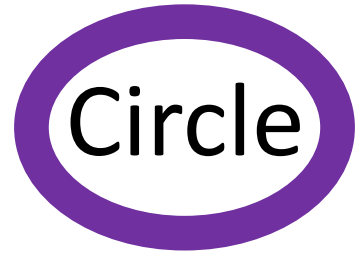
Use a large font



TIP #6

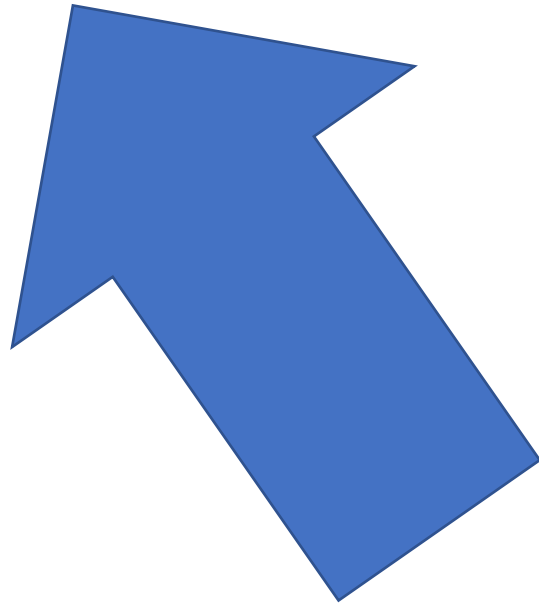
Use text sparingly

TIP #7



Circle

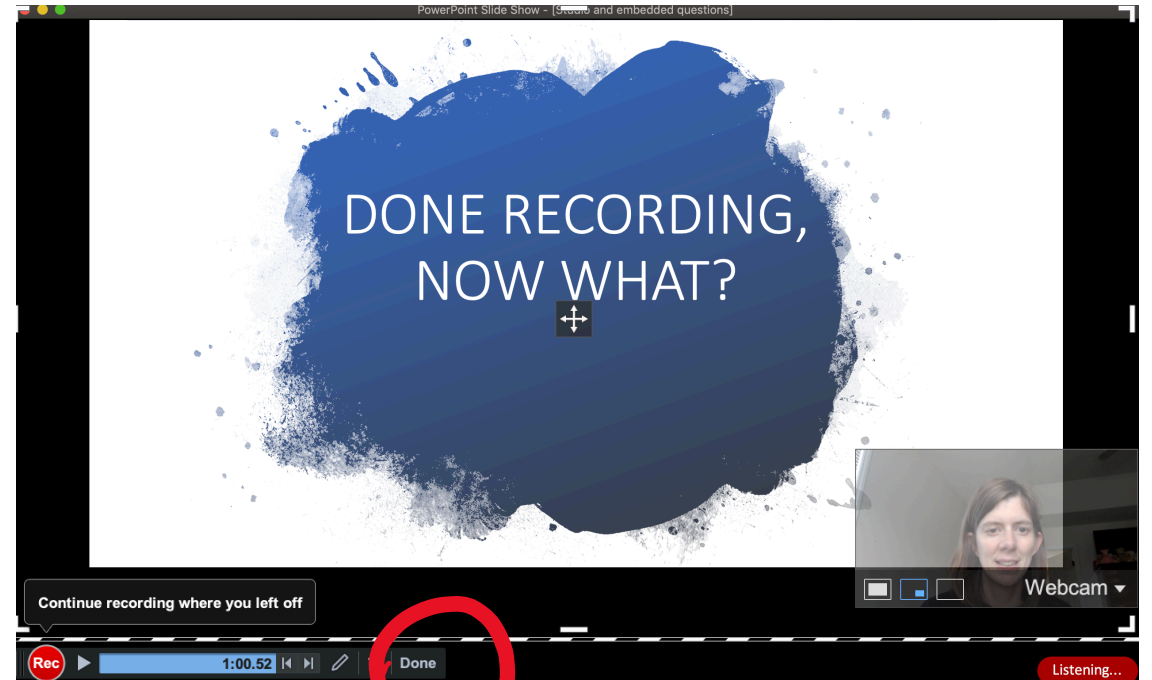
or highlight items to draw their attention

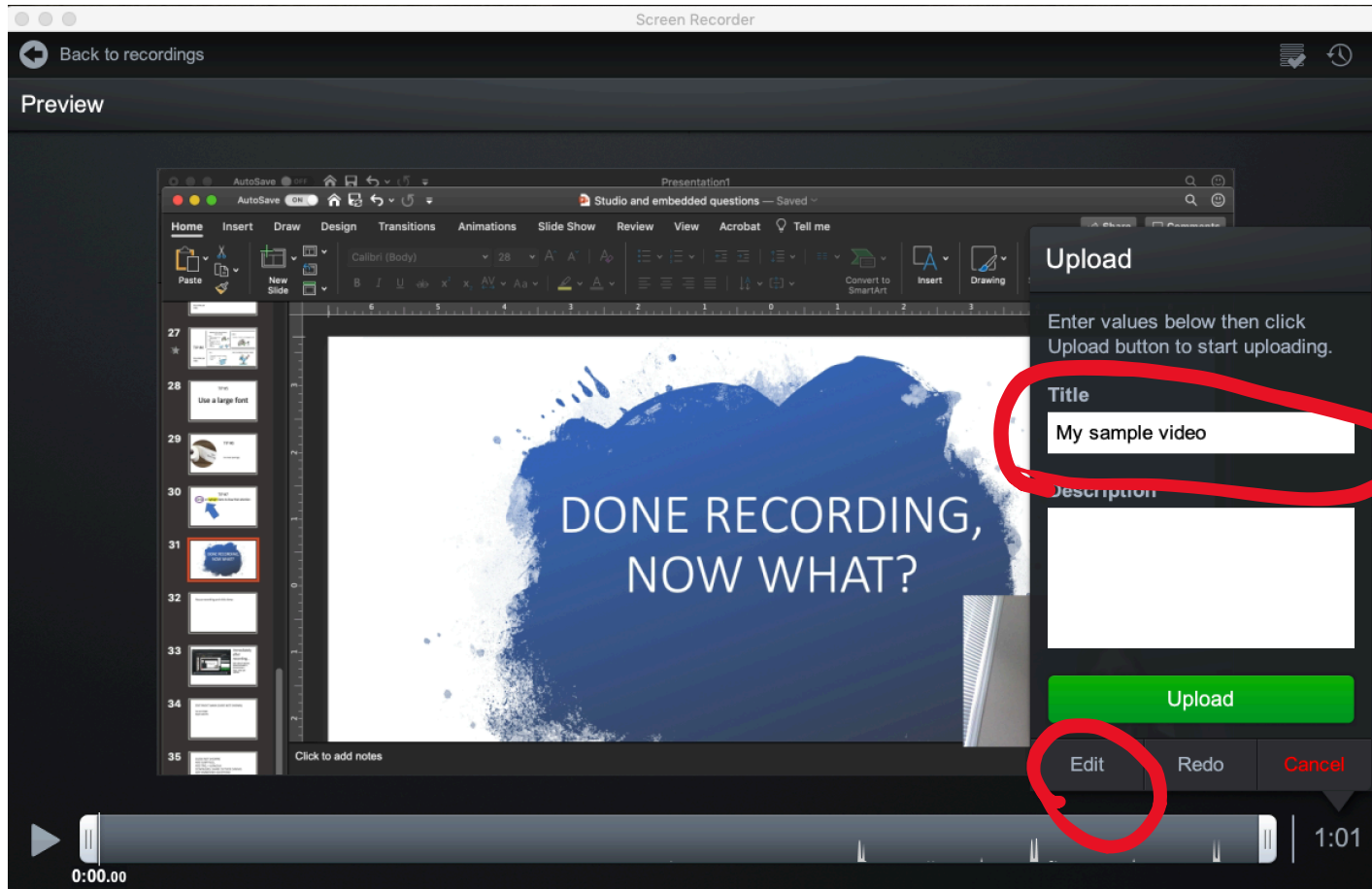


A dark blue, irregularly shaped graphic with a splatter effect, containing white text. The graphic is centered on a white background and has a rough, hand-painted appearance with some lighter blue and white splatters around its edges. The text is in a clean, white, sans-serif font, arranged in two lines.

DONE RECORDING,
NOW WHAT?

Pause recording and click done.





Immediately
after
recording...

- Title
- Edit video if desired (demonstrated in presentation)
- Upload

Switch!

ACCESS YOUR VIDEO!

Organize your video into a Collection (folder)

The screenshot displays the 'My Library' interface of an educational platform. On the left is a purple sidebar with navigation icons and labels: ECU logo, Account, Dashboard, Courses, Calendar, Inbox, Commons, Studio, Canvas, and Help. The main content area is titled 'My Library' and includes a search bar with 'RECORD', 'ADD', and 'SEARCH' icons. Below the search bar are two dropdown menus: 'Date Added' and 'View All'. A red circle highlights a '+ Collection' button in the top right corner. The main area contains a grid of video thumbnails. The first thumbnail, titled 'My sample video' by Marina Walker, is circled in red. Other thumbnails include 'Course Tours', 'sample videos', 'PHYS1250 Test Review', 'RAINBOWS', 'PHYS1050 YouTube Videos', 'PHYS1260 Test Review', 'Sample Videos', and 'PHYS1260 Video Lectures'. Each thumbnail shows a video preview and a count of items in the collection (e.g., +18, +12, +43, +1, +39).

Share, download, or caption your video

- Create a public link
- Download mp4 file
- Create captions

The screenshot shows a video player interface. On the left is a purple sidebar with the ECU logo and navigation links: Account, Dashboard, Courses, Calendar, Inbox, Commons, Studio, Canvas Help, and a back arrow. The main area displays a video player with a slide showing 'DONE RECORDING, NOW WHAT?'. The video player has a progress bar at 0:00 and a duration of 1:01. Below the video player are tabs for 'Details', 'Comments', 'Insights', and 'Captions'. The 'Captions' tab is circled in red. A red arrow points from the 'Captions' tab to the 'Comments' section, which shows 'No Comments' and a text input field 'Add a comment...'. Another red arrow points from the 'Captions' tab to the 'Captions' tab itself. In the top left corner of the video player, there are three icons: a share icon, a download icon, and a trash icon, all circled in red. A red arrow points from the share icon to the 'Create a public link' bullet point, and another red arrow points from the download icon to the 'Download mp4 file' bullet point. The top right of the interface has icons for 'RECORD', 'ADD', and 'SEARCH'.

Switch!

ADD EMBEDDED QUESTIONS TO YOUR
VIDEO!

Create Quiz

- Note: option is not available if you “search” for video
- Can create multiple quizzes for a video

The screenshot displays the 'My Library' interface in a purple-themed sidebar on the left and a main content area on the right. The sidebar includes navigation options: Account, Dashboard, Courses, Calendar, Inbox, Common, Studio, and Canvas. The main area shows a grid of video items. A context menu is open over the first item, 'My sample video' by Marina Walker. The menu options are: Create Quiz (highlighted with a red circle), Share Media, Move to..., Replace Thumbnail, and Delete Media. The top right of the interface features icons for RECORD, ADD, and SEARCH, along with a 'Collection' button. The video items in the grid include 'My sample video', 'Course Tours', 'sample videos', 'PHYS1250 Test Review', 'PHYS1050 YouTube Videos', 'PHYS1260 Test Review', 'Sample Videos', and 'PHYS1260 Video Lectures', each with a thumbnail and a quiz count (e.g., +12, +43, +1, +39).

Title the quiz

- Hide questions markers to encourage students to watch entire video

PowerPoint Slide Show - [Studio and embedded questions]

Confirm Video Quiz Settings

Video Quiz Title

80 character maximum

Description

200 character maximum

Hide question markers on timeline for students

Cancel Get Started

0:00 1:01 1x

Add Questions

- Pause video
- Click + to add a question

The screenshot shows a video player interface for a quiz. The video content displays the text "DONE RECORDING, NOW WHAT?" in white on a dark blue, splattered background. In the bottom right corner, a small video feed shows a woman. A menu is open over the video, listing "Multiple Choice", "True or False", and "Multiple Answer". A red circle highlights a "+" button in the bottom center of the video player. The top left corner of the player shows "quiz2" and the top right corner has a settings gear and a "Done" button. The bottom left corner shows a play button and a progress bar at 0:38. The bottom right corner shows a volume icon, a "1x" speed icon, a settings gear, and a share icon.

Edit your Question

1. Your question
2. Your answers
(select correct answer)
3. Partial credit for wrong answers
4. Shuffle choices

quiz2

Question at 0:38

Is this question easy or hard?

easy 2 Pts

hard 1 Pts

I don't know 0 Pts

+ Answer

Options

Vary points by answer

Shuffle Choices

> Question Feedback

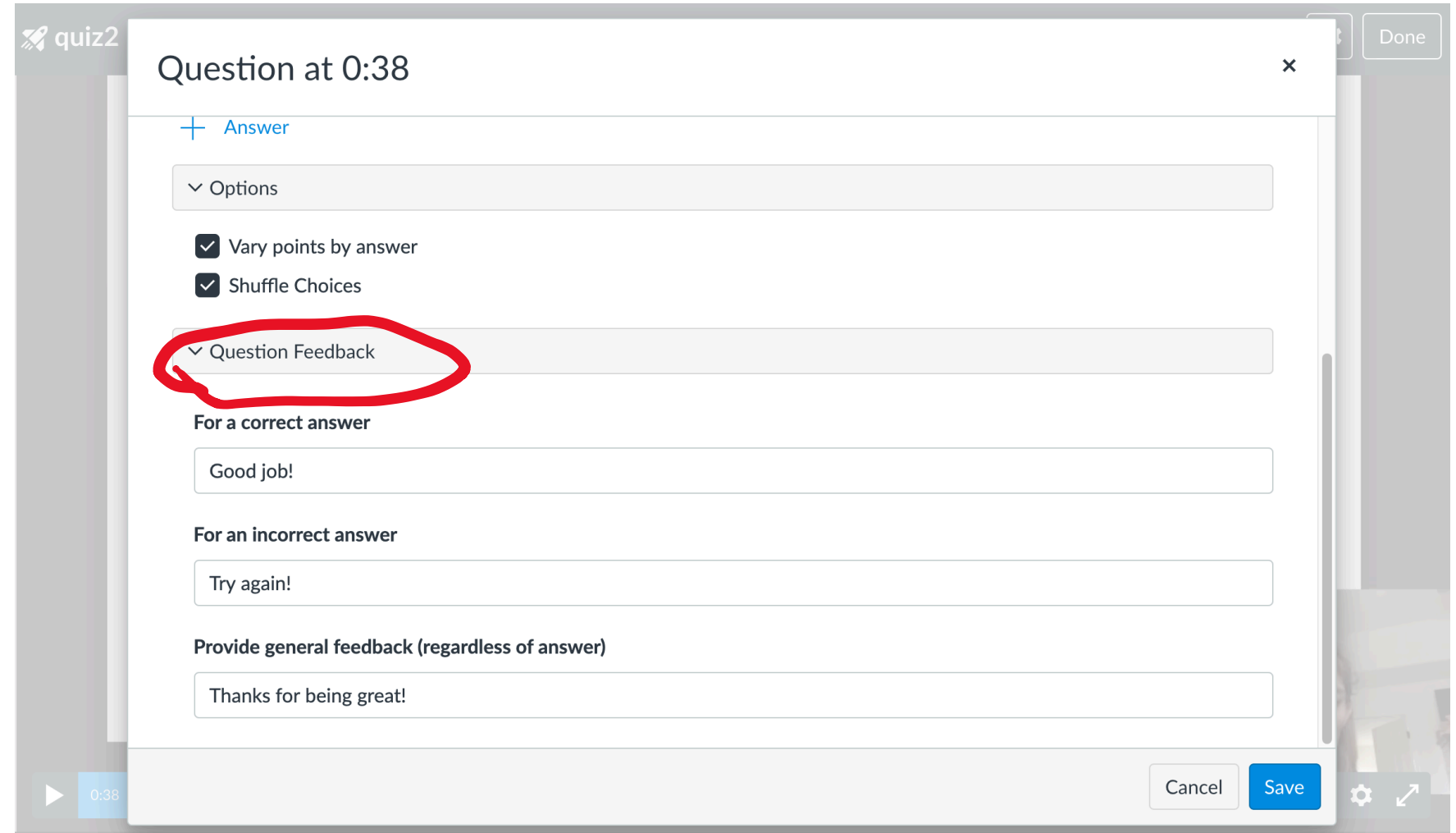
0:38

Cancel Save

Done

Add Feedback

- Provide feedback for correct/incorrect answers



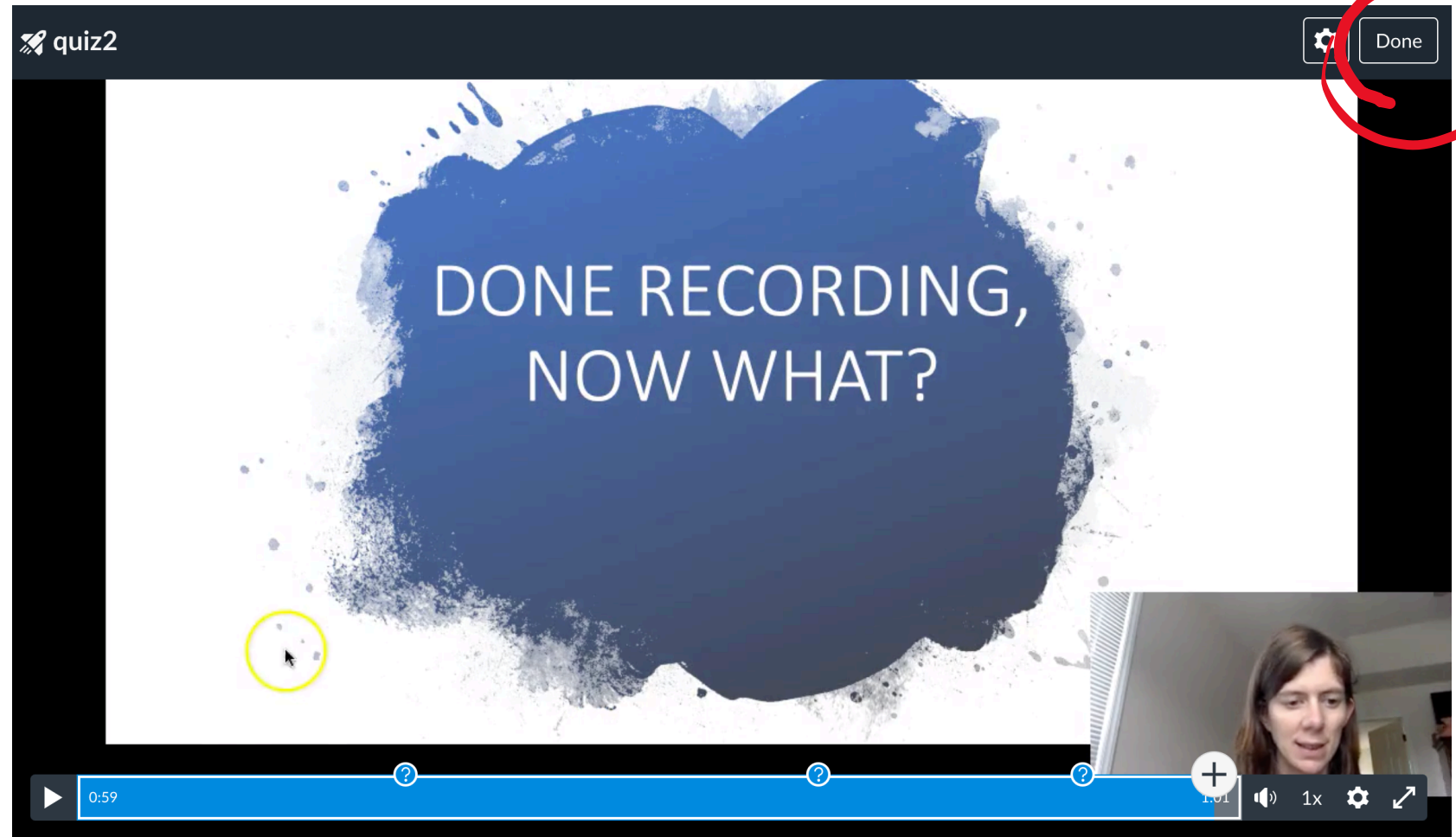
The screenshot shows a quiz editor window titled "quiz2" and "Question at 0:38". The interface includes a "Done" button in the top right corner. The main content area is divided into several sections:

- + Answer**: A section for entering the correct answer.
- Options**: A section for configuring question options, including:
 - Vary points by answer
 - Shuffle Choices
- Question Feedback**: This section is highlighted with a red circle and contains three text input fields:
 - For a correct answer**: Contains the text "Good job!".
 - For an incorrect answer**: Contains the text "Try again!".
 - Provide general feedback (regardless of answer)**: Contains the text "Thanks for being great!".

At the bottom of the window, there is a "Cancel" button, a "Save" button, and a settings icon.

Edit Quiz and Done!

- Hover over question to edit
- My advice: 3-6 questions per video



The screenshot shows a video player interface for a quiz. The video content displays a large blue ink blot with the text "DONE RECORDING, NOW WHAT?". In the top right corner of the video frame, there is a "Done" button with a gear icon, which is circled in red. A yellow circle highlights a question icon in the bottom left of the video frame. The video player controls at the bottom show a progress bar at 0:59, a volume icon, and a "1x" speed icon. A small inset video in the bottom right corner shows a woman speaking.

Switch!

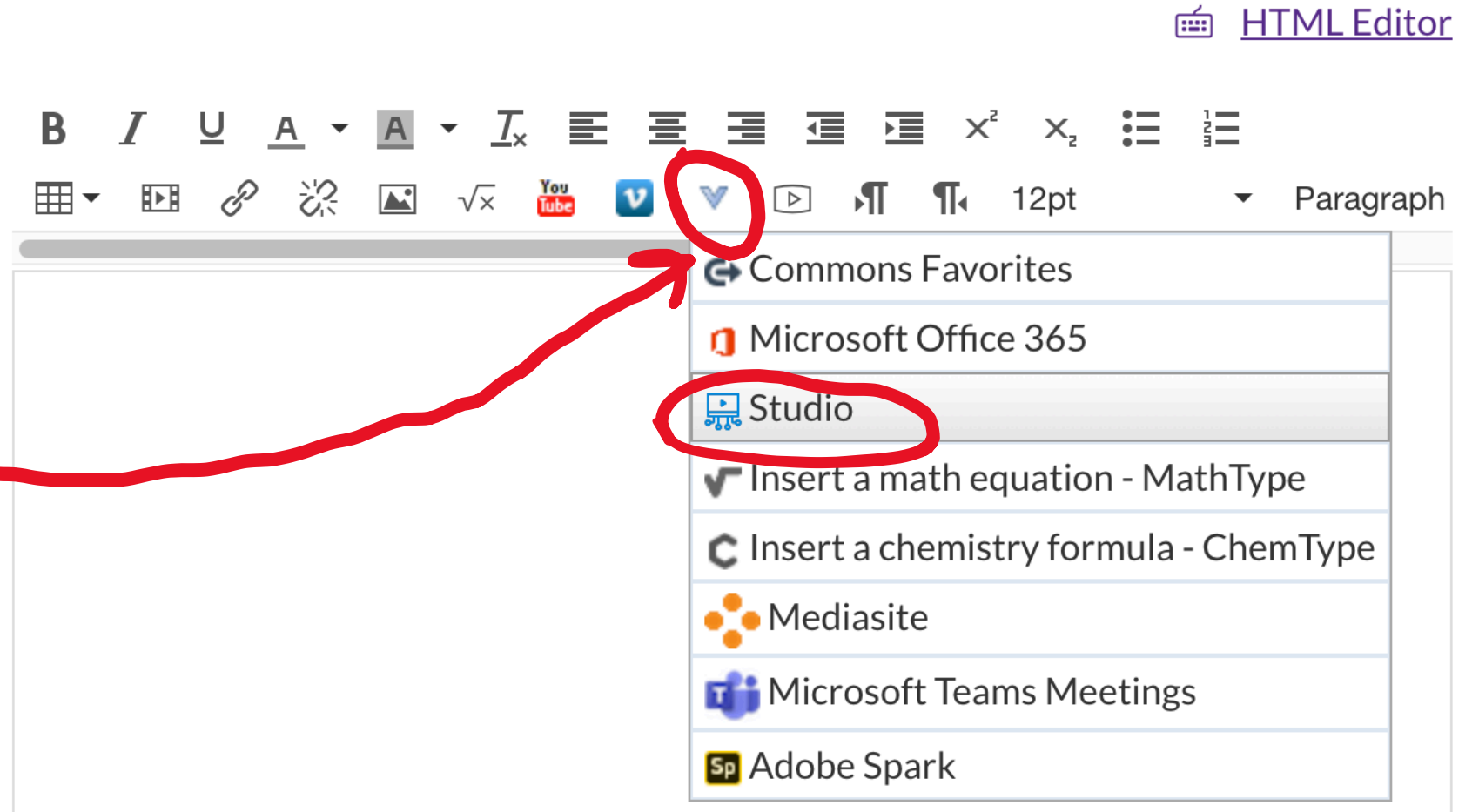


HOW TO USE THE VIDEO IN YOUR COURSE

Not for a grade (use Rich Content Editor)

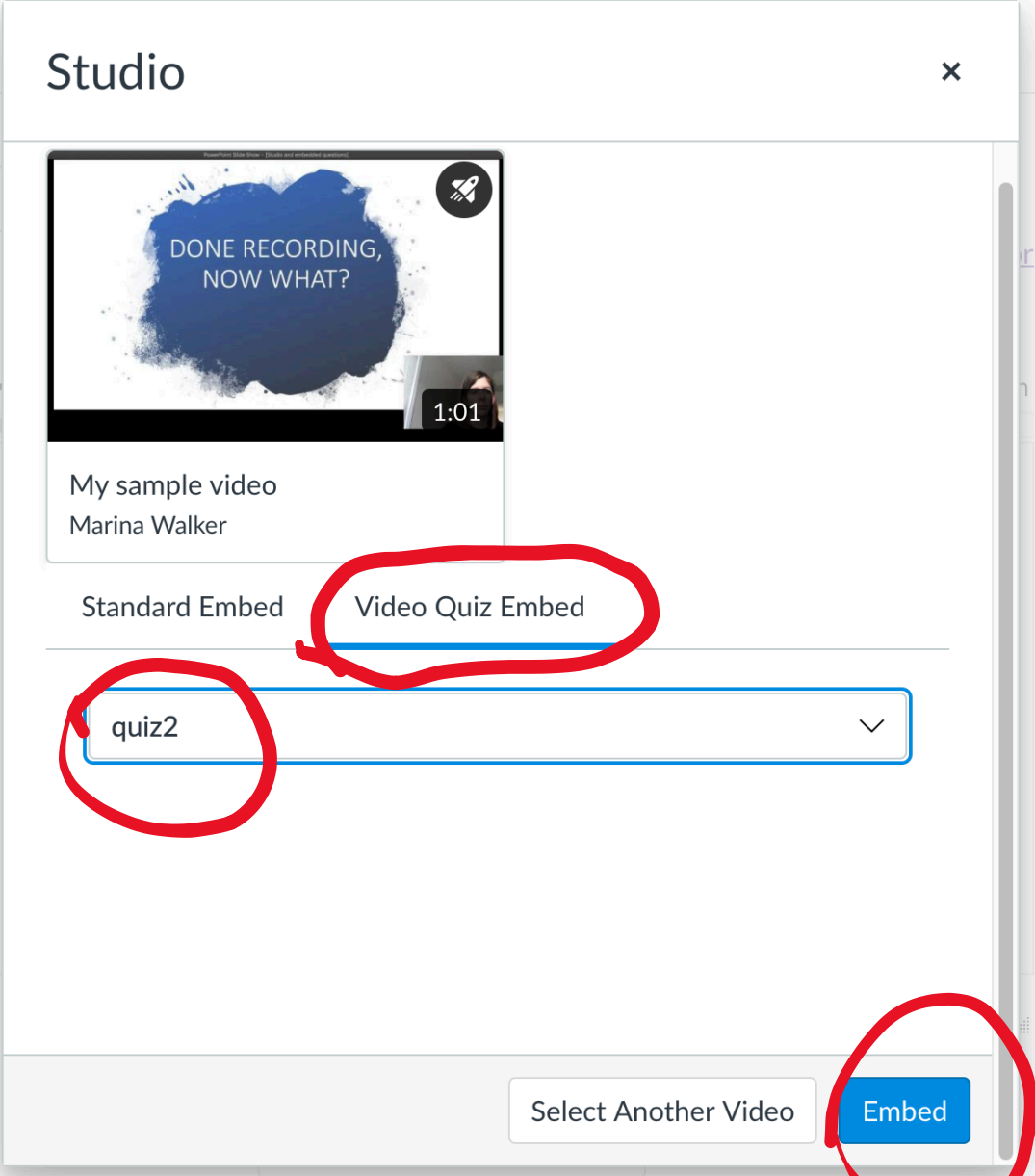
Discussions, Assignments, Pages, etc.

- Use the (New) Rich Content Editor (RCE)
- Click on More External Tools (or the plug icon)
- Locate and click on Studio icon



Finish Up!

- Locate your video
- Choose “Video Quiz Embed”
- Choose specific quiz to embed
- Embed and Save
- Note: comments are disabled if quiz is embedded



The screenshot shows the 'Studio' interface with a video player at the top. The video player displays the text 'DONE RECORDING, NOW WHAT?' and a duration of '1:01'. Below the video player, the title 'My sample video' and the name 'Marina Walker' are visible. There are two tabs: 'Standard Embed' and 'Video Quiz Embed', with the latter being selected and circled in red. Below the tabs is a dropdown menu with 'quiz2' selected, also circled in red. At the bottom right, there is a blue 'Embed' button, which is circled in red, and a 'Select Another Video' button next to it.

For a grade (Assignment)

Assignments

- Below RCE, click “Submission Type” and choose “External Tool”
- Click “Find” and locate and click on Studio icon

Points

Assignment Group

Display Grade as

Do not count this assignment towards the final grade

Submission Type

External Tool Options

Enter or find an External Tool URL

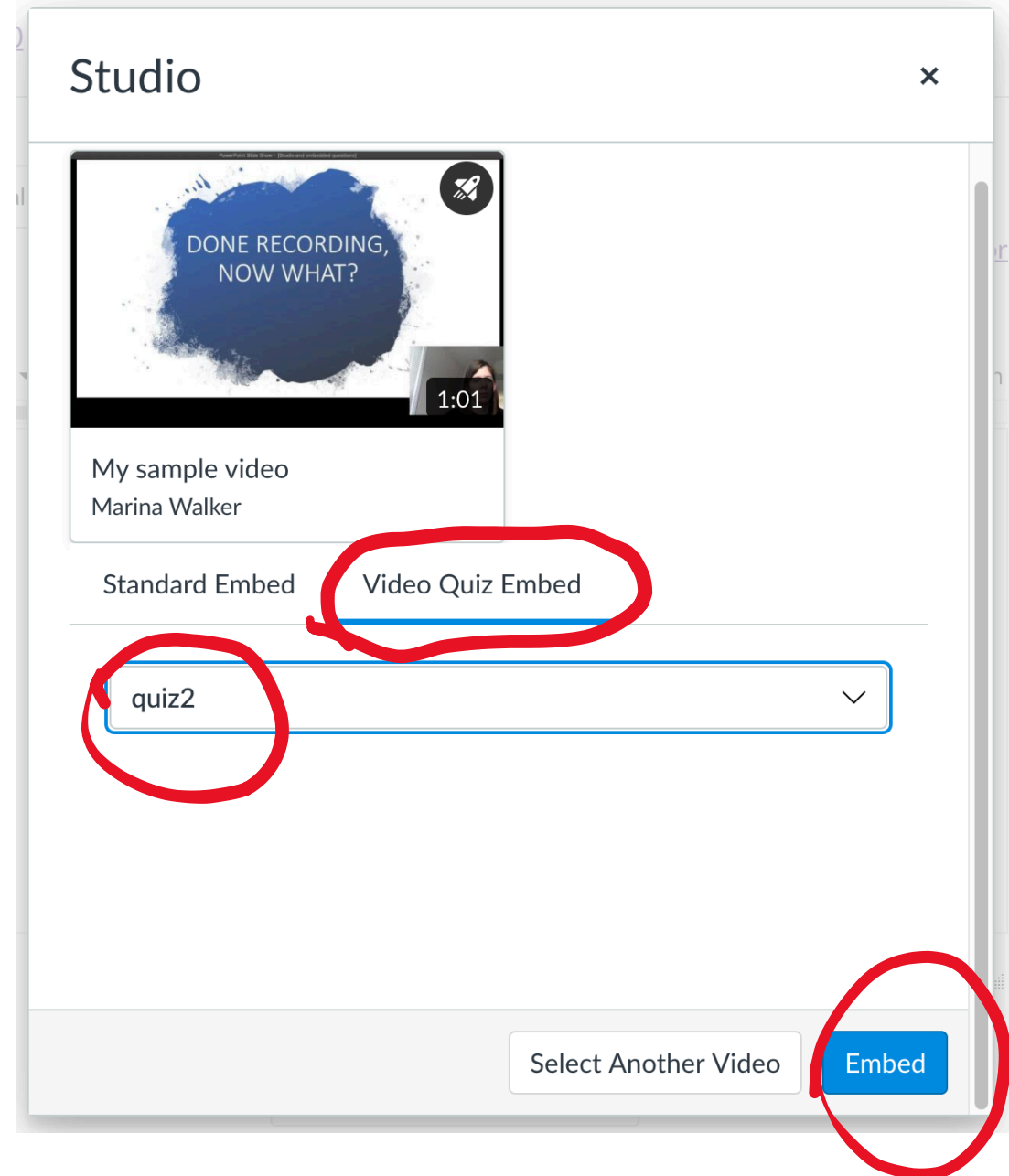
Load This Tool In A New Tab

Submission Attempts

Allowed Attempts

Finish Up!

- Locate your video
- Choose “Video Quiz Embed”
- Choose specific quiz to embed
- Embed and Save
- Note: comments are disabled if quiz is embedded



The screenshot shows the 'Studio' interface with a video player at the top. The video player displays the text 'DONE RECORDING, NOW WHAT?' and a duration of '1:01'. Below the video player, the title 'My sample video' and the name 'Marina Walker' are visible. There are two tabs: 'Standard Embed' and 'Video Quiz Embed', with the latter being selected and circled in red. Below the tabs is a dropdown menu with 'quiz2' selected, also circled in red. At the bottom right, there is a blue 'Embed' button, which is circled in red, and a 'Select Another Video' button next to it.

Switch!

Notes on Grading

- Must have a video quiz to receive points for watching a video
- Grading – total points of assignment divided evenly among questions unless chose “vary points by answer”

Student View

Student View

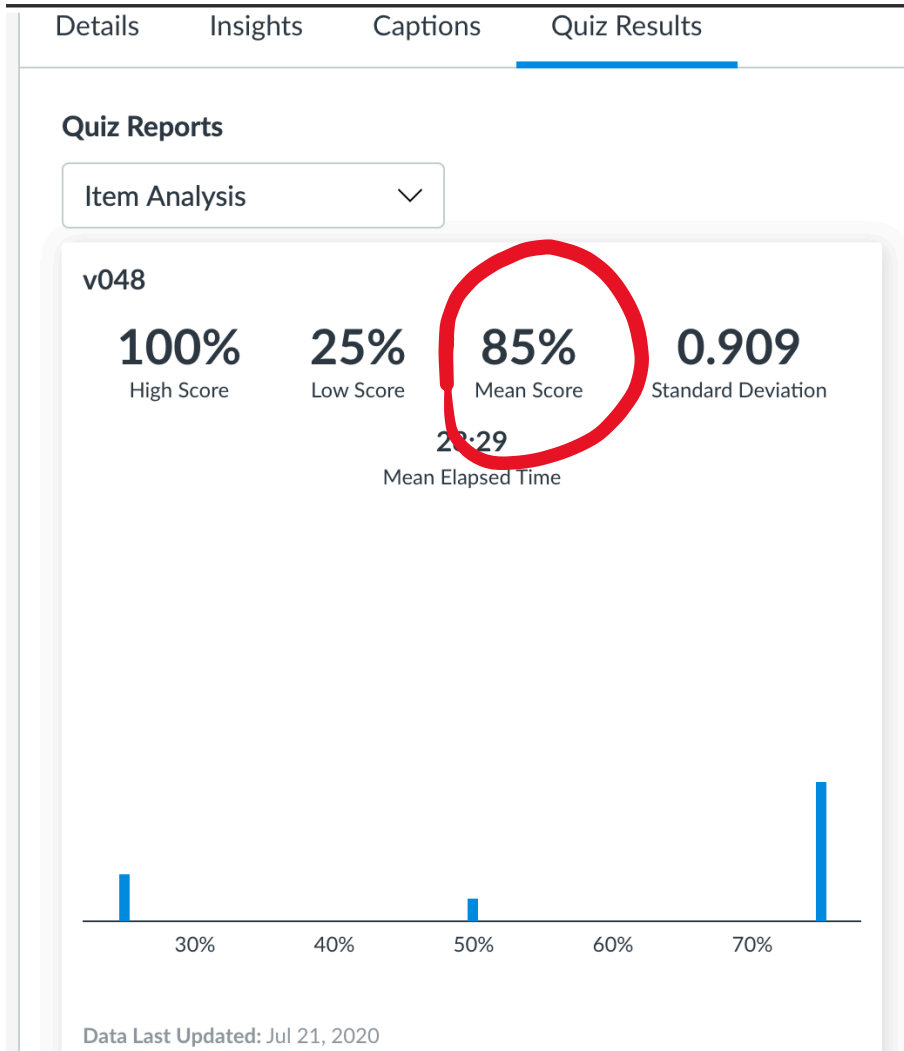
- Questions pop up throughout video
- Submit quiz at end of video
- Note: Students will see answers after first submission



The screenshot shows a video player interface. At the top, the title bar reads "PowerPoint Slide Show - [Studio and embedded questions]". The main content area displays a blue ink splatter graphic. Overlaid on this is a white quiz box titled "Question 1 of 2" with a close button (X) in the top right corner. Below the title, the text "my question" is followed by two radio button options: "easy" and "hard". At the bottom right of the quiz box are two buttons: "Re-watch" and "Continue". The video player's control bar at the bottom shows a play button, a progress bar at 0:44, a timestamp of 1:01, a volume icon, a 1x zoom level, and settings and full-screen icons. A small video inset in the bottom right corner shows a woman's face.

Viewing Analytics

View Quiz Results



Item Analysis

Multiple Choice | 1 points possible



What direction was the force of the wall on the ball? (the force that caused the change in momentum will be in the same direction as the impulse).

0.88/1 pts

Mean Earned Score

Answer Frequency Summary

Answer	Re...	%
× Down	1	4%
× Up	0	0%
✓ Left	21	84%
× Right	2	8%
× (No answer)	1	4%

Switch!

View Student Results

- Click on Attempt link next to student's name to view individual result

Quiz Reports

Student Results

Student Name	Attempts	Grade	Time	Submitted
[REDACTED]	Attempt 1	25%	2:34	July 19, 2020
	Attempt 2	100%	1:01	July 19, 2020
[REDACTED]	Attempt 1	100%	18:38	July 19, 2020
	Attempt 2	—	—	In Progress
[REDACTED]	Attempt 1	100%	12:37	July 20, 2020

25%

1
Out of 4 points

02:34
Time for this attempt

Your Answers:

1 0 / 1 point

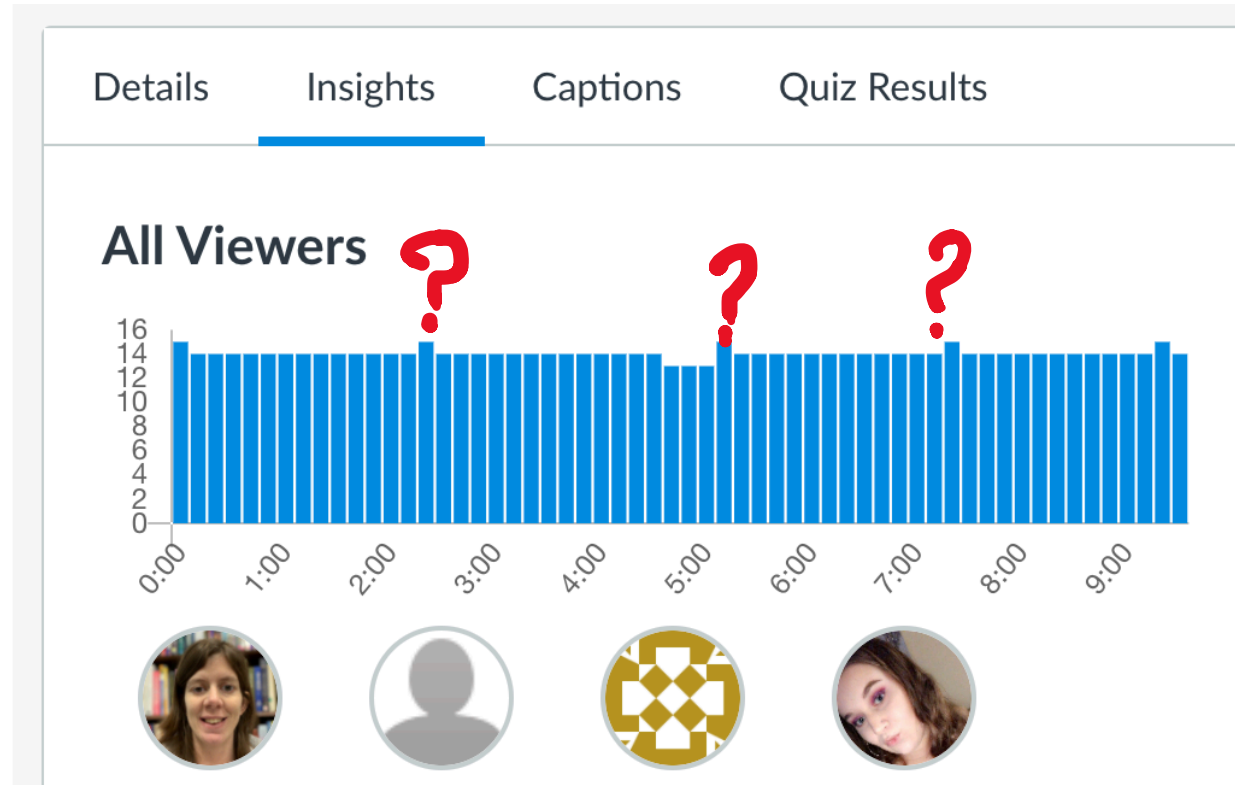
What direction was the force of the wall on the ball? (the force that caused the change in momentum will be in the same direction as the impulse).

Up

Right

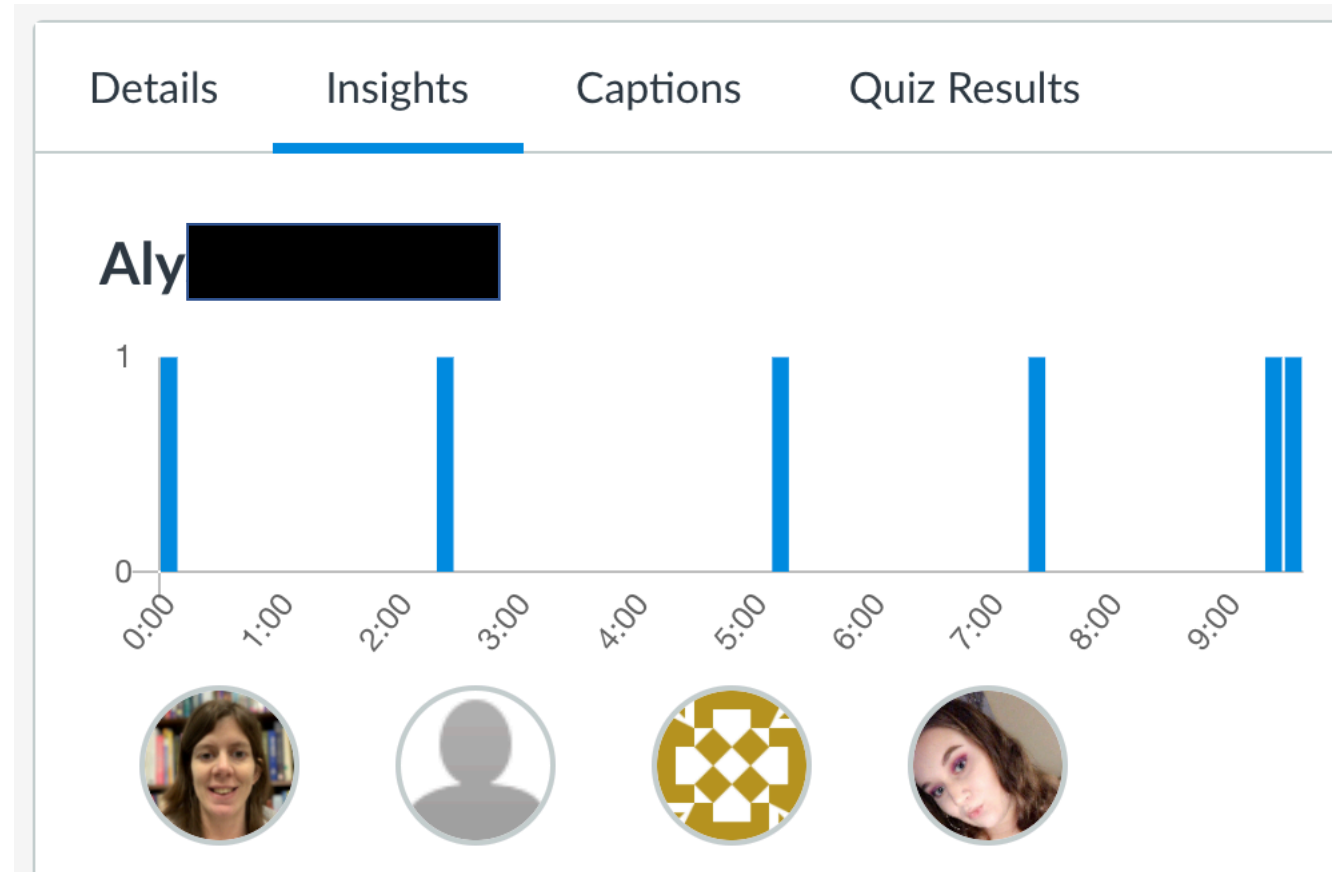
Correct Answer: Left

View Class Insights



View Student Insights

- Click on student's name to view specifics
- Note: viewing video multiple times is OK, Canvas will still record full viewing



Other Ways to Use Studio Videos 1

- Instructor and students can comment on videos – keep the conversation going!

1. Charges q , q , and $-q$ are placed on the x -axis at $x = 0$, $x = 2$ m, and $x = 4$ m, respectively. At which of the following points does the electric field have the greatest magnitude?

a. $x = 1$ m
b. $x = 3$ m
c. $x = 5$ m
d. The electric field has the same magnitude at all three positions.

2. A metallic object holds a charge of -3.8×10^{-6} C. What total number of electrons does this represent?

a. 4.2×10^{14}
b. 6.1×10^{13}
c. 2.4×10^{13}
d. 1.6×10^{14}

The diagram shows a horizontal x -axis with three positive charges q_1 , q_2 , and $-q_3$ located at $x=0$, $x=2$, and $x=4$ respectively. Electric field vectors E_1 , E_2 , and E_3 are shown at three points: $x=1$ m, $x=3$ m, and $x=5$ m. At $x=1$ m, E_1 points left and E_2 points right. At $x=3$ m, E_1 points left, E_2 points right, and E_3 points left. At $x=5$ m, E_1 points left, E_2 points right, and E_3 points right.

Details Comments Insights Captions

1 Comment Subscribe to comments

Add a comment...

said 5 months ago 2:01
For #1, why does the field from q_2 go towards the left at the one location?

Marina Walker said 5 months ago
because it points away from the positive charge.

Other Ways to Use Studio Videos 2

- Students can submit Studio videos and instructors can comment to give feedback

Unit 4 Tutorial
Due: Apr 26 at 11:59pm - PHYS1260.002.2020.30

95/95 Graded 78.11 / 100 (78%) Average 1/95 Group

Unit 4 Tutorial Group 1

Submission to view:
Apr 13 at 10:10pm (grade: 90)

Note: This is not the most recent submission

Assessment
Grade out of 100
100
View Rubric

Tutorial Rubric Unit 4

Criteria	Ratings
Unit 1	Exemplary All of the requirements have been met. <input type="checkbox"/> The tutorial is neat and organized <input type="checkbox"/> The diagram is relevant, accurate and complete <input type="checkbox"/> The solution is clear and logically connected <input type="checkbox"/> The solution contains all essential steps <input type="checkbox"/> All the steps are explained in detail <input type="checkbox"/> The solution is accurate 100 / 100 pts
Total Points: 100	

Assignment Comments
The changes are included following the original work. They can be found at 1:40 and 3:51. Thanks!

Details Comments Insights Captions

4 Comments Subscribe to comments

Add a comment...

Marina Walker said 3 months ago 0:33
where is your object? what's the focal length?
Reply

Marina Walker said 3 months ago 1:01
draw the optical axis



Recap: Embed quizzes in your videos to help keep your students engaged!

Any Questions??!!

Links for reference

- Step by step to add quiz to video:

<https://community.canvaslms.com/docs/DOC-16584-507361002406>

- Step by step to create assignment so students receive a grade for watching the video: <https://community.canvaslms.com/docs/DOC-16583-507361066229>