

# Building a bulb

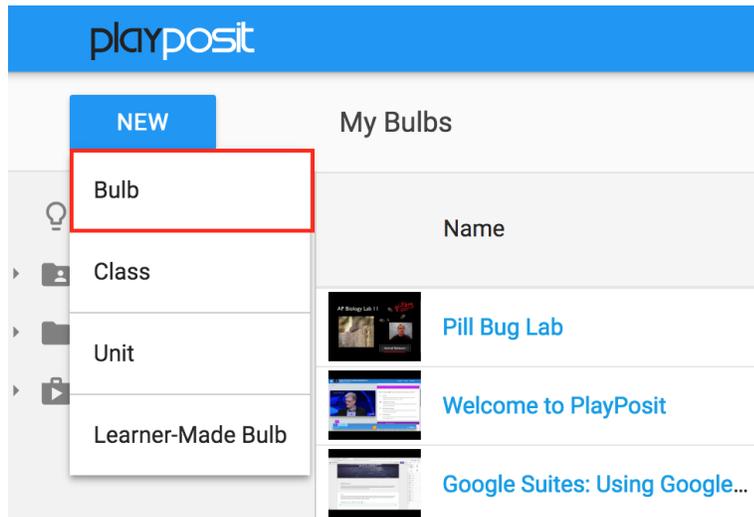


Want to make passive video an active, engaging experience for learners? Here's how!

## What is a bulb?

A bulb is an interactive video created in PlayPosit. Transform any video into an active experience for students by embedding questions, images, audio, and other media elements.

## Insert a video



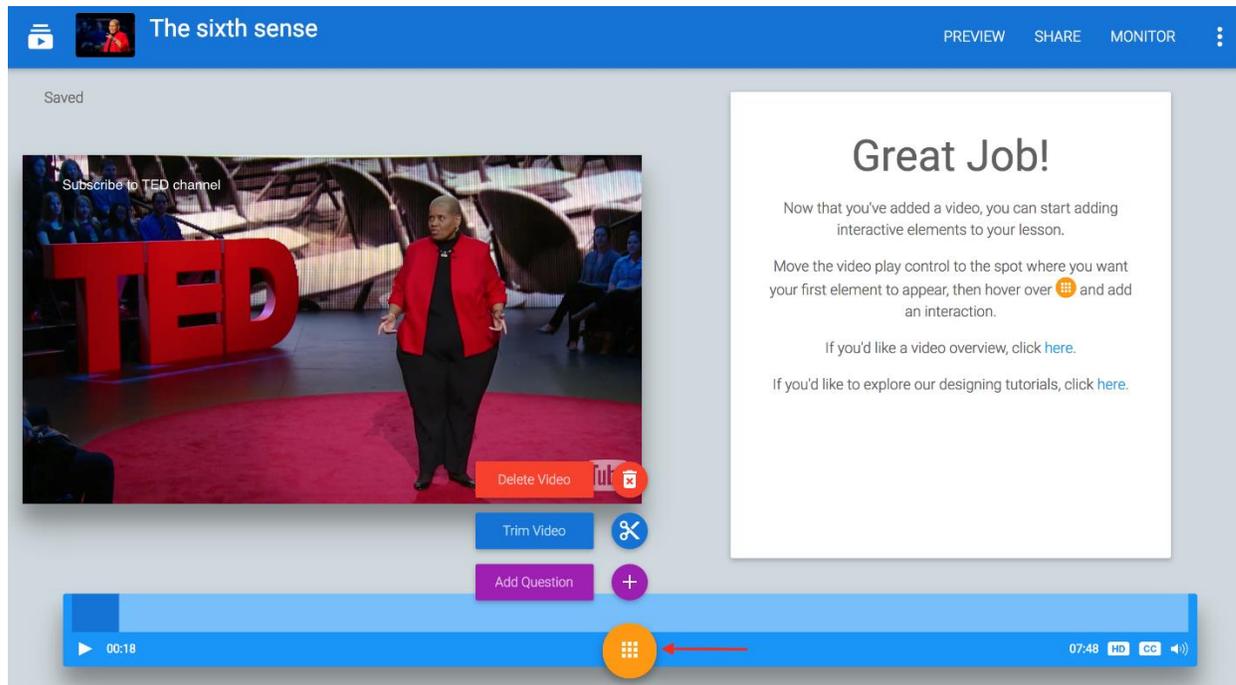
To design a new bulb, click **New > Bulb**

1. Insert URL from an online source (YouTube, Vimeo, TeacherTube, SchoolTube)
2. Upload an MP4 file from your hard drive (Learn more [here](#))
3. Add video from your institution's video host (Kaltura, Warpwire, etc.)

## Embed questions/interactions

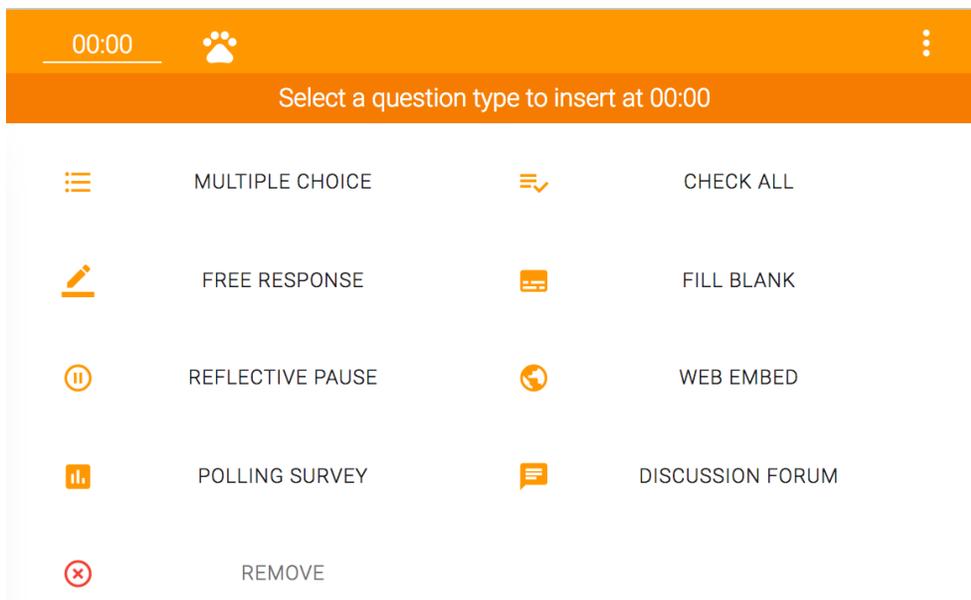
To embed an interaction:

1. Use the blue scrub bar to navigate to a moment in the video
2. Hover over the orange icon and select **Add Question**



## Premium question types

Add any of the premium question types to make your video engaging for students.



**Multiple choice:** Present students with a series of options to choose from in response to a question. This question type has one correct answer. Auto-graded.

**Check all:** Present students with a series of options to choose from in response to a question. This question type can have multiple correct answers, but students will only receive full credit if they select all of the correct answers. Auto-graded.

**Free response:** Allow students to demonstrate understanding with a text response and/or use the rich text editor to include images, audio, equations and tables. Not auto-graded.

**Fill Blank:** Present students with a phrase that is missing one or more words. Questions can have multiple blanks, and multiple correct answers. Auto-graded.

**Reflective pause:** Give students the opportunity to pause and reflect on video content. Alternatively, use this question type to supplement information that is not covered in the video, or make connections between the video content and other course material. Not graded.

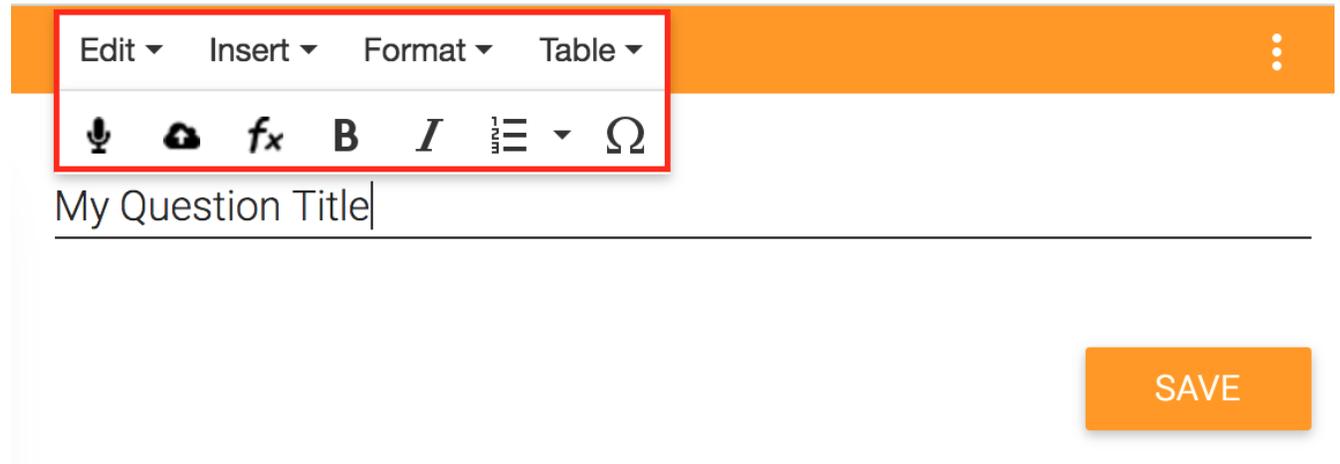
**Web Embed:** Allow students to explore a website without leaving the video lesson. Use this to provide supplemental information to students or have them complete an online simulation. Not graded.

**Polling Survey:** Present students with a series of options to choose from in response to a question. Student can only choose one option, and there is no right or wrong answer. Not graded.

**Discussion forum:** Simulate an interactive discussion with this question type. Students can post responses in real time and/or reply to comments posted by other students. Learn more [here](#). Not graded.

## Embed images, audio, equations and tables

The rich text editor gives you access to formatting tools and allows you to embed images, audio, equations and tables to any question type.



## Crop videos

Hover over the orange icon and select **Trim Video**.

**Trim beginning/end:** Move the red/green markers that appear on the edges to the desired start or end time.

**Trim internal segments:** Navigate to the starting point of the crop on the blue scrub bar. Then select **Add Internal Crop Segment** and use the red/green markers to adjust the desired start or end time of the cropped portion.

When you are finishing trimming the video, click **Exit Crop Mode**.

## Change a question type

To change the type of question, without retyping the question text, simply click on the question icon to view the menu of options and select a new question type.

00:12

⏸ Reflective Pause



*A little bit about Rita taken from TED:*

Rita F. Pierson spent her entire life in or around the classroom, having followed both her parents and grandparents into a career as an educator.

More info [here](#).

## Change the point value of a question

By default, auto-graded questions (multiple choice, fill blank, check all) are worth 1 point and free response questions are worth 3 points. To change the default point values:

1. Navigate to the more\_vert menu
2. Click on **Points** and set a point value on a 1-10 scale

01:18 ☰ Multiple Choice

Which of these is **not** a reason why student

- poverty  
Sorry, poverty takes a large toll on students energy and leaving little to focus on school
- engaged in the lesson  
You got it! Students do better when they are connect with the teacher
- bad influences by peer  
Sorry, who we associate with plays a large value we place in education
- low attendance  
Sorry, missing just a few days of school has been shown to significantly lower student scores

⌵ EDIT

☐ RANDOMIZED ANSWERS

1 POINT(S) ←

📄 DUPLICATE QUESTION

⏪ ADD QUESTION BEFORE

⏩ ADD QUESTION AFTER

🗑 DELETE

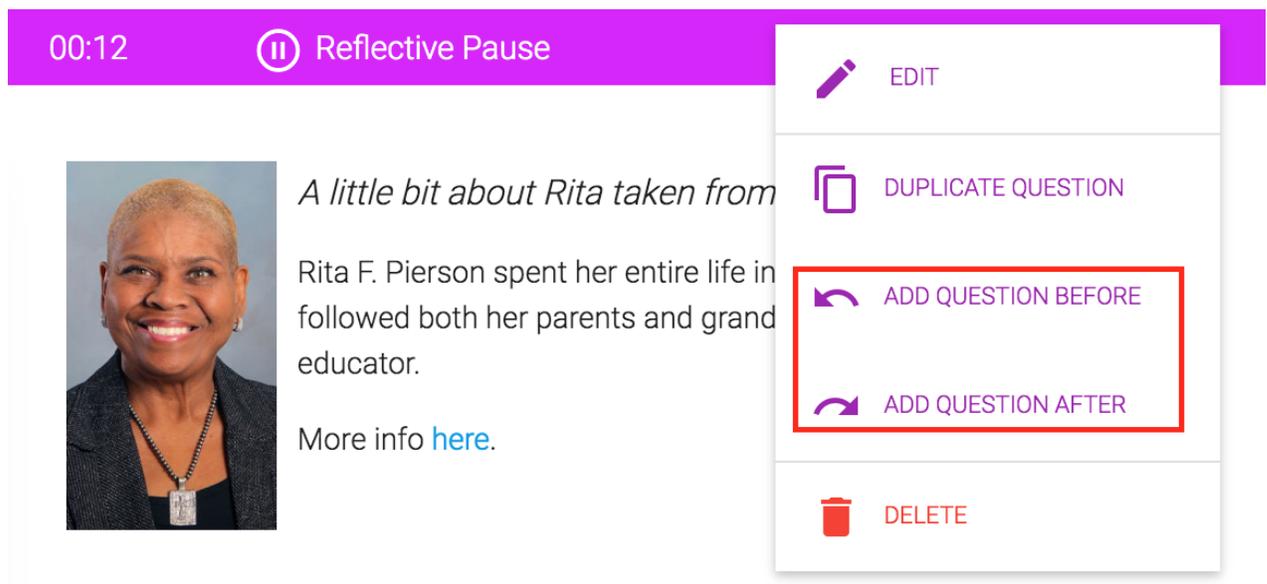
Note: Point values cannot be adjusted once learners start the bulb.

## Chain and stack questions together

Use chain/stack functionality to ask a series of questions tied to the same moment in time. Scaffold the questions to ensure deeper student understanding or use it as an exit ticket at the end of your lesson.

To chain/stack on an existing question:

1. Click on the triple dots (right corner of question)
2. Choose to **Add question before** or **Add question after**

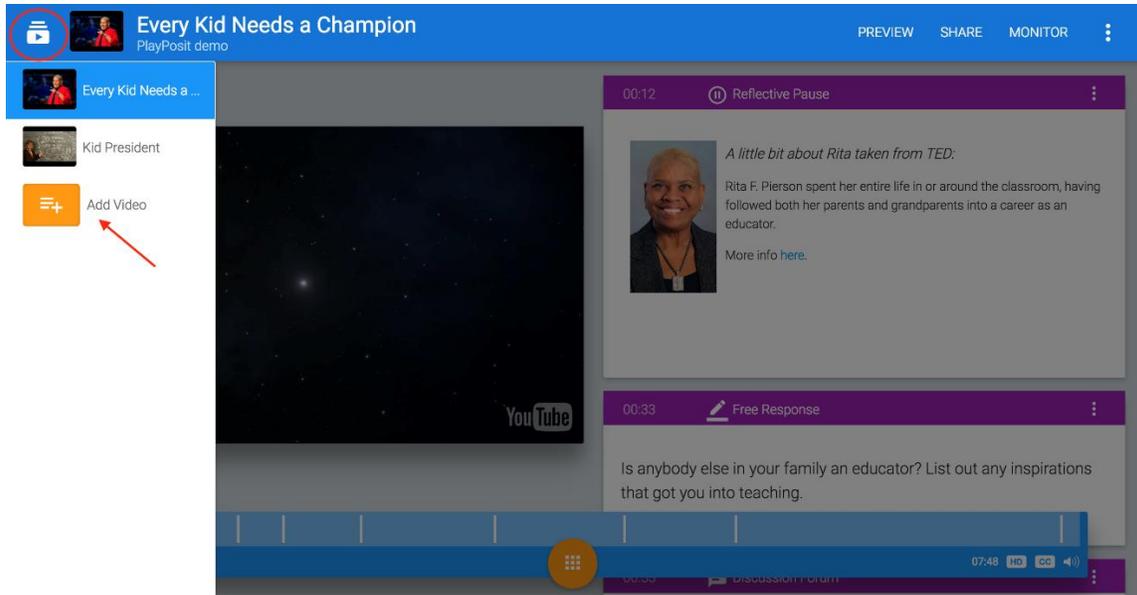


The screenshot shows a Bulb interface with a purple header bar. On the left, a video player displays a portrait of Rita F. Pierson. To the right of the video, the text reads: "A little bit about Rita taken from Rita F. Pierson spent her entire life in followed both her parents and grand educator. More info [here](#)." A context menu is open on the right side of the video player, listing options: "EDIT", "DUPLICATE QUESTION", "ADD QUESTION BEFORE", "ADD QUESTION AFTER", and "DELETE". The "ADD QUESTION BEFORE" and "ADD QUESTION AFTER" options are highlighted with a red border.

## Add multiple video clips to a bulb

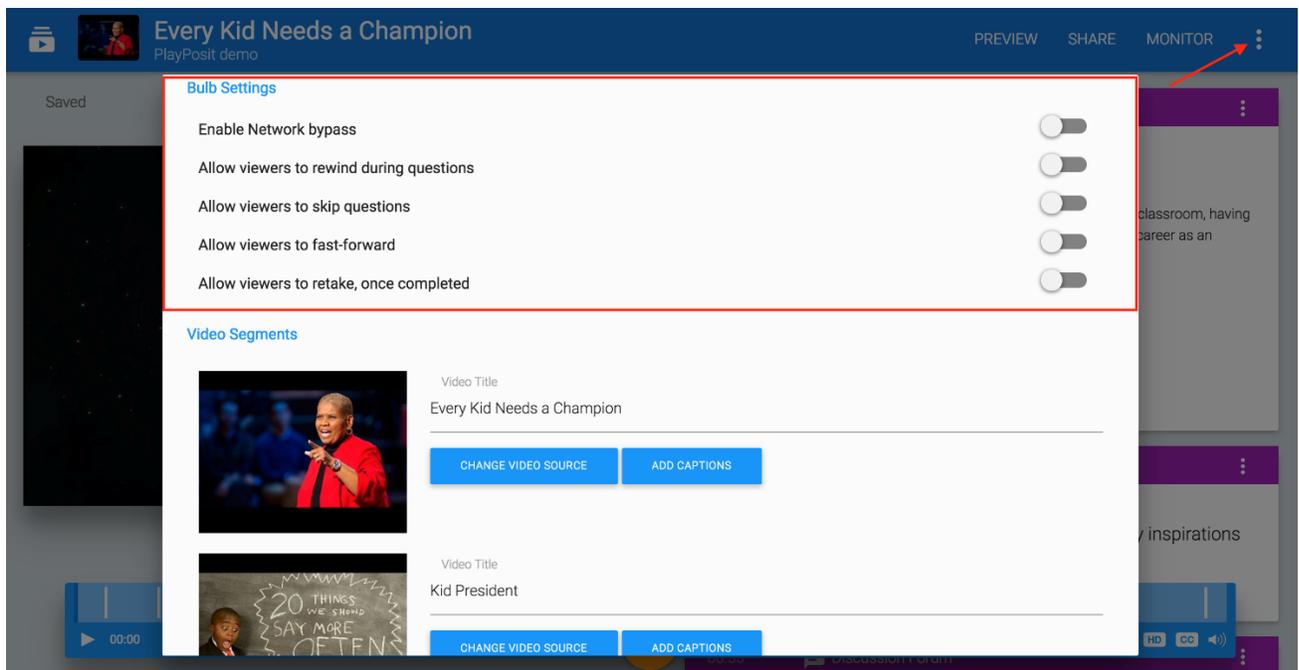
Take multiple video clips from different sources to create a complete lesson. Students will automatically be directed through the playlist of videos.

1. In the builder, select the playlist icon on the top left corner
2. Click **Add Video** to insert a video URL or pull one from a video host
3. Optional: Embed questions/interactions into each clip



## Bulb settings

Customize the playback settings for your bulb to meet the needs of all students. Click on the **triple dots** (top right corner) and select **Settings** to view all available options.



**Allow viewer to rewind during questions:** Give students the opportunity to replay video content before submitting a response to the current question.

**Allow views to skip questions:** Make questions optional and permit students to move forward in the bulb without submitting a response.

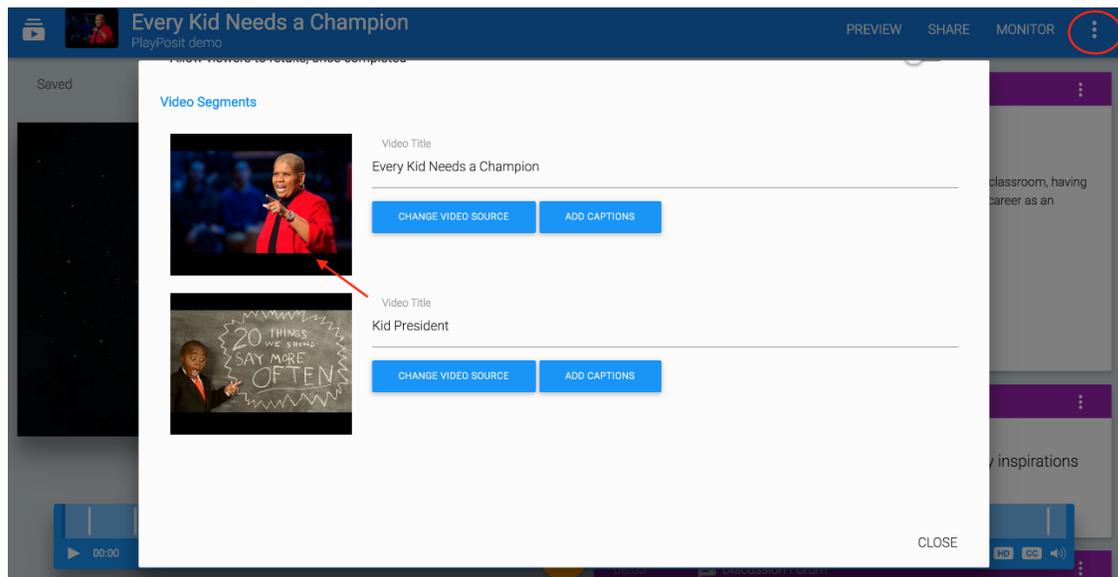
**Allow viewers to fast-forward:** Make video content optional and permit students to skip around within the full video timeline.

**Allow viewers to retake, once completed:** Give students the opportunity to demonstrate mastery by retaking the bulb. Students will see a retake button at the end. Clicking this button will clear the previous attempt and allow them to resubmit responses.

## Change video thumbnail

To change the thumbnail image of any video clip:

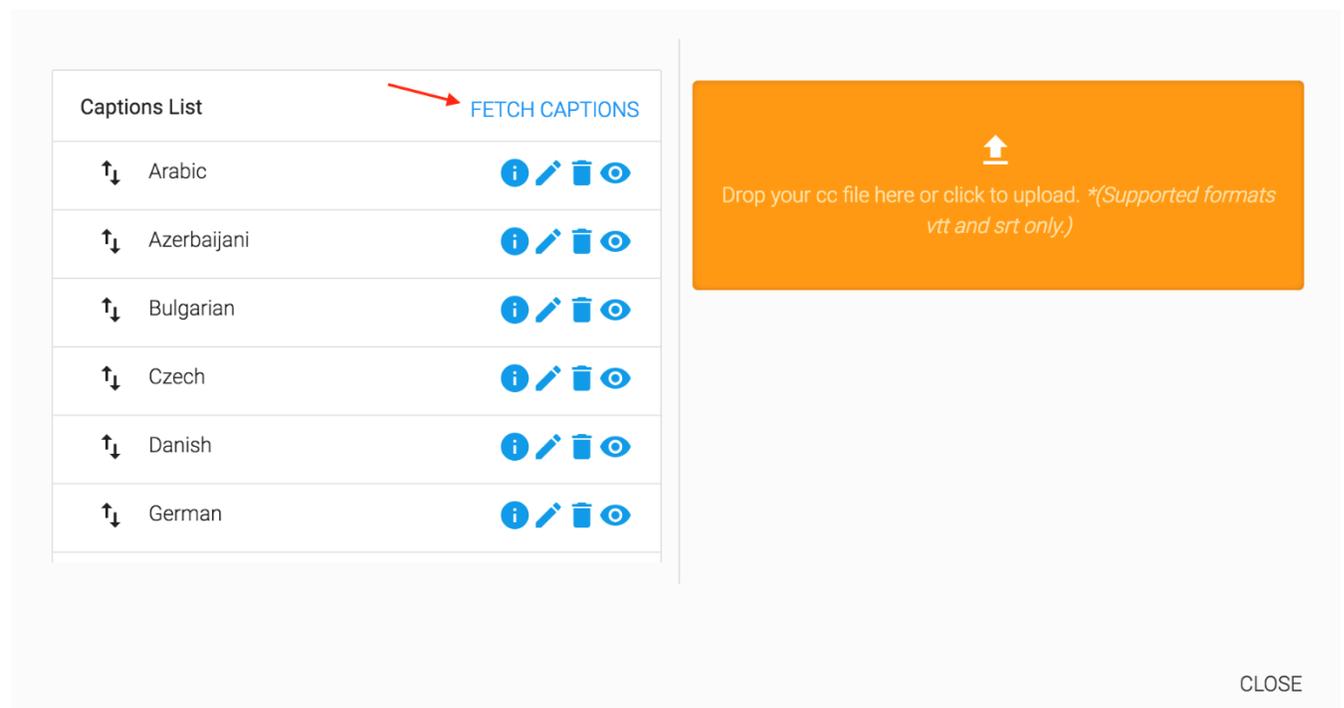
1. Click the **triple dots** (top right corner)
2. Select **Settings**
3. Click on the existing thumbnail image to replace it



## Closed captions

To ensure your video lesson is accessible for all students, there are multiple ways to bring in closed captions.

If your video is hosted on YouTube, captions will automatically be brought into PlayPosit when you create a bulb. To edit or replace auto-generated captions with another caption file, click on the triple dots > **Settings** > **Manage captions** > **Fetch captions**.



The screenshot displays the 'Captions List' interface. On the left, a table lists various languages with corresponding icons for information, edit, delete, and toggle. A red arrow points to the 'FETCH CAPTIONS' button in the top right corner of the table. On the right, there is an orange upload area with a white arrow icon and the text: 'Drop your cc file here or click to upload. \*(Supported formats vtt and srt only)'. At the bottom right of the interface, there is a 'CLOSE' button.

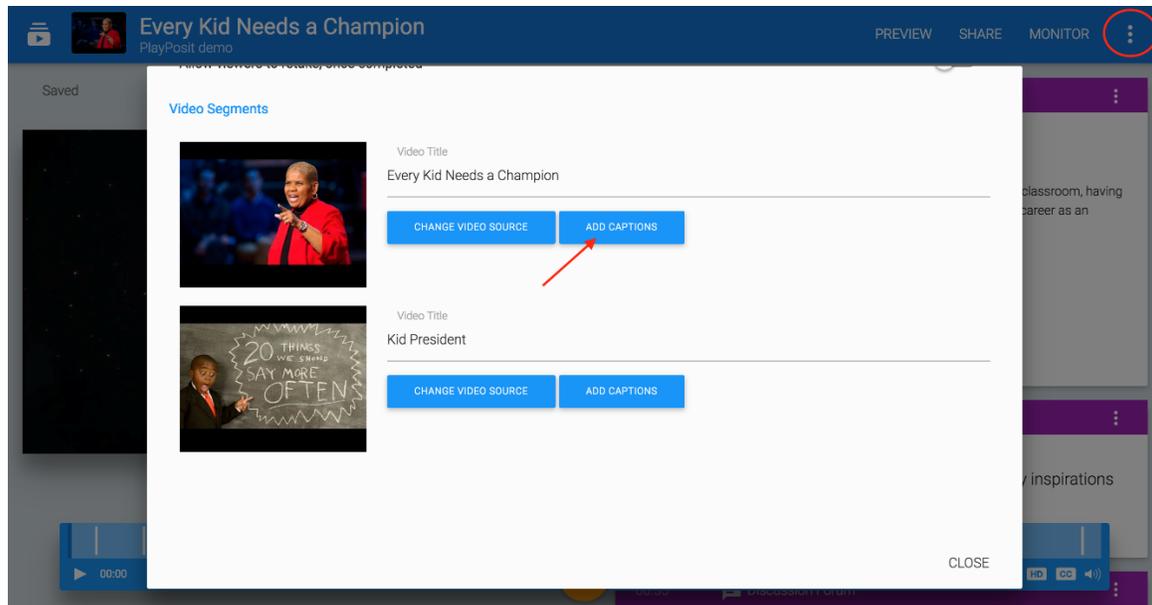
Captions List		FETCH CAPTIONS			
↑↓	Arabic	i	✎	🗑️	👁️
↑↓	Azerbaijani	i	✎	🗑️	👁️
↑↓	Bulgarian	i	✎	🗑️	👁️
↑↓	Czech	i	✎	🗑️	👁️
↑↓	Danish	i	✎	🗑️	👁️
↑↓	German	i	✎	🗑️	👁️

Drop your cc file here or click to upload. \*(Supported formats vtt and srt only)

CLOSE

To upload your own caption files:

1. Click the **triple dots** (top right corner)
2. Select **Settings**
3. Click **Add Captions** (VTT/SRT file formats supported)



Last updated on January 24, 2018

#### RELATED

- [Assign a bulb to learners](#)
- [Navigating PlayPosit](#)
- [How do I link or embed files to a bulb?](#)
- [Learner-Made Bulbs](#)
- [The Student Experience](#)
- [Video: Project Based Learning](#)
- [Video: Using PlayPosit to Differentiate Content](#)

#### RESOURCES

- [Getting Started](#)
- [Troubleshooting](#)
- [Video Tutorials](#)
- **[Web Application](#)**
- [For Students](#)
- [Managing Video Hosts](#)
- [Managing a Higher Education License](#)
- [Managing a K-12 License](#)
- [Managing an Institutional License](#)
- [PlayPosit in your LMS](#)

<https://knowledge.playposit.com/article/62-building-a-bulb>