

Introduction

The Roboplay Scoreboard is the web based software which the judges will use to keep score for student videos and during the C-STEM Day challenges. As a teacher for competing students you will be responsible for setting up challenge and math teams, capturing student names, and linking to uploaded videos.

The information you submit will be used to populate the scoreboards and to generate participation certificates for attendees. Uploaded code and models will be used by future students and teachers.

Quick Start Guide

You can dive right in if you'd like. Illustrated instructions and detailed requirements are found below.

Prerequisites

1. You must have registered as a teacher at the UC Davis C-STEM website.
2. You must have created an invoice on the UC Davis C-STEM website.
3. You must have paid your invoice in order to add teams and videos to the Scoreboard.
4. You must have uploaded your team video to YouTube, adhering to the naming requirements outlined in [Appendix A](#).

Logging In

1. Navigate to <http://c-stem.ucdavis.edu/scoreboard>
2. Log in by clicking the login button at the bottom of the interface.
3. Enter your c-stem.ucdavis.edu username and password and click "Login".

Creating Teams

1. From the Main Menu, click on "Manage Challenge, Math, and Video Teams".
2. Click "Add Challenge Team" and enter the team name and add students.
3. Click Submit.
4. Repeat steps 2 & 3 until all teams have been created.
5. Click on "Home" to return to the main menu.

Adding Videos

1. From the Main Menu, click on "Manage Challenge, Math, and Video Teams".
2. Click on "Add Video".
3. Enter the Video Name, YouTube Link, student names, and whether the video features custom parts.
4. Click Submit.
5. Ensure that the Preview plays properly.
6. Click Upload to go to the file uploader.
7. Click "Choose Files" to upload the raw video file, source files, and drawings for that video.
(Note: Videos will NOT be judged if the raw video file and source code have not been uploaded.)
8. Click on "Return to Video".
9. Repeat steps 2-8 for additional videos.

Creating Math Teams

1. From the Main Menu, click on "Manage Challenge, Math, and Video Teams".

2. Click “Add Math Team” and enter the team name and add students.
3. Click Submit.
4. Repeat steps 2 & 3 until all teams have been created.
5. Click on “Home” to return to the main menu.

Assistance

If you encounter technical issues with the website, contact Rex Schrader (rex.schrader@gmail.com) via e-mail or g-chat.

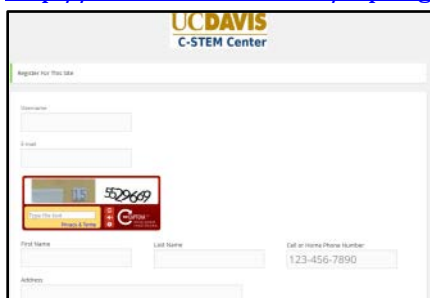
Detailed Guide

Prerequisites

1. You must have registered as a teacher at the UC Davis C-STEM website.

You can register at this URL:

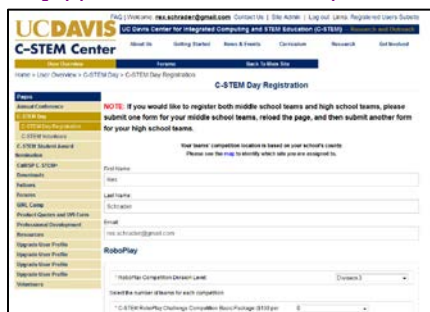
<http://c-stem.ucdavis.edu/wp-login.php?action=register&role=teachers>

A screenshot of the UC Davis C-STEM Center registration form. The form is titled "Register for this site" and includes fields for Username, Password, First Name, Last Name, and Address. There is also a field for "Call or home phone number" with the placeholder "123-456-7890". A small image of a RoboCup AS 500 robot is visible on the left side of the form.

2. You must have created an invoice on the UC Davis C-STEM website.

The Invoice system can be found here:

<http://c-stem.ucdavis.edu/overview/c-stem-day/c-stem-day-registration/>

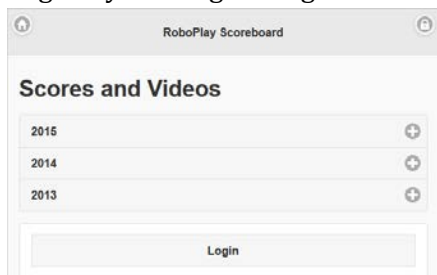
A screenshot of the UC Davis C-STEM Center C-STEM Day Registration form. The form is titled "C-STEM Day Registration" and includes a "NOTE" about registering for both middle school and high school teams. It has fields for First Name, Last Name, Email, and Password. There is also a "RoboPlay" section with a "Robot Competition (Please List)" dropdown menu and a "List the number of teams for each competition" field.

3. You must have paid your invoice in order to add teams and videos to the Scoreboard. You will receive confirmation of your payment via e-mail.
4. You must have already uploaded your video to YouTube. Be sure to review the setting requirements outlined in [Appendix A](#).

Logging In

1. Navigate to <http://c-stem.ucdavis.edu/scoreboard>

- Log in by clicking the login button at the bottom of the interface.

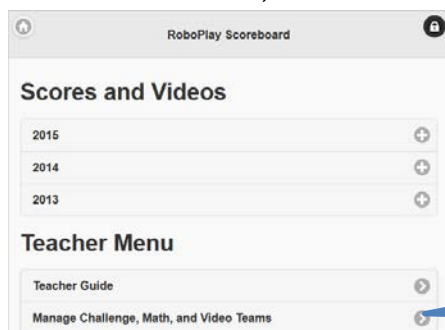


The image shows the RoboPlay Scoreboard login interface. It has a header with a home icon and a lock icon. Below the header is a section titled "Scores and Videos" with three rows for the years 2015, 2014, and 2013, each with a plus icon to its right. At the bottom of this section is a "Login" button.

- Enter your c-stem.ucdavis.edu username and password.
- Click Login.

Creating Challenge Teams

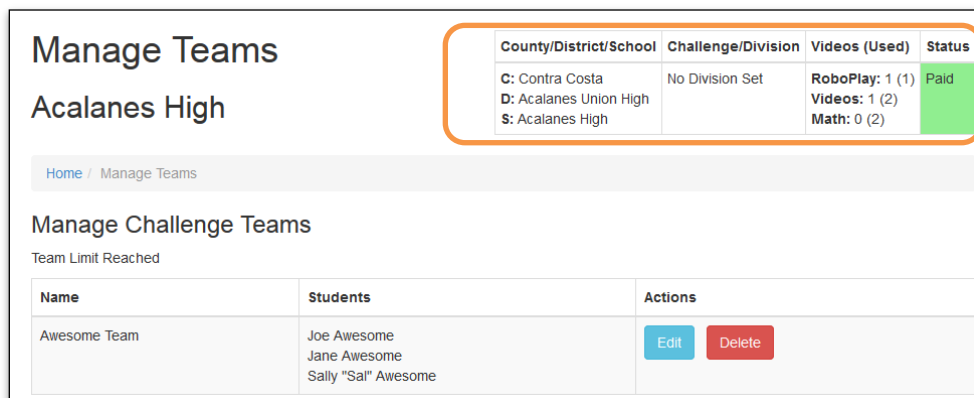
- From the Main Menu, click on "Manage Challenge, Math, and Video Teams".



The image shows the RoboPlay Scoreboard Teacher Menu. It has a header with a home icon and a lock icon. Below the header is a section titled "Scores and Videos" with three rows for the years 2015, 2014, and 2013, each with a plus icon to its right. Below this is a "Teacher Menu" section with two items: "Teacher Guide" and "Manage Challenge, Math, and Video Teams". The "Manage Challenge, Math, and Video Teams" item has a right-pointing arrow icon.

Click to Manage Challenge, Math, and Video Teams

- The upper right corner displays summary information about your school, division, how many teams/videos you've paid for and used, and your payment status. If we have not received your payment you will not be able to add teams.



The image shows the "Manage Teams" interface. At the top, it says "Manage Teams" and "Acalanes High". Below this is a summary table with the following data:

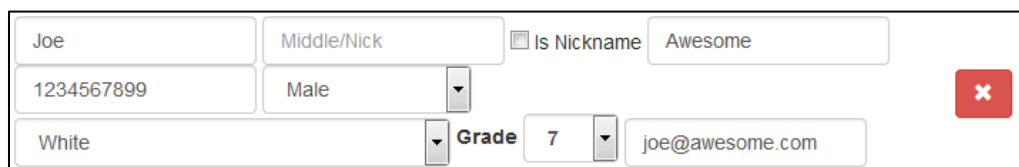
County/District/School	Challenge/Division	Videos (Used)	Status
C: Contra Costa D: Acalanes Union High S: Acalanes High	No Division Set	RoboPlay: 1 (1) Videos: 1 (2) Math: 0 (2)	Paid

Below the summary table is a breadcrumb link "Home / Manage Teams". Underneath is a section titled "Manage Challenge Teams" with a message "Team Limit Reached". Below this is a table with the following data:

Name	Students	Actions
Awesome Team	Joe Awesome Jane Awesome Sally "Sal" Awesome	Edit Delete

- Click "Add Team" and enter the team name and division.
- You can add students in 3 different ways:
 - Click "Add Student" to add a new blank student entry.
 - Fill out the fields one at a time. You may use Tab to go to the next field.

[Add Student](#) [Mass Upload Students](#) [Choose Students](#)



The image shows a form for adding a new student. It has the following fields:

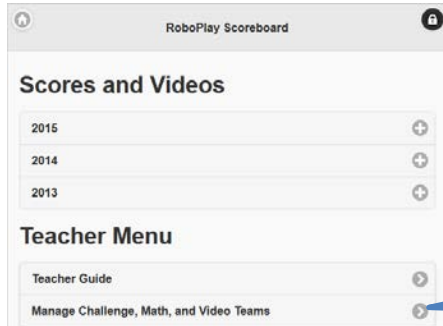
- First Name: Joe
- Middle/Nick: Middle/Nick
- Is Nickname: ☐ Is Nickname
- Last Name: Awesome
- Phone: 1234567899
- Gender: Male
- Race: White
- Grade: 7
- Email: joe@awesome.com

There is a red "X" button in the bottom right corner.

- ii. If the "Middle Name" is a nickname, check the "Is Nickname" box to have it displayed in quotes.
 - iii. If you accidentally add a new student that you don't need, click the red X to remove that entry.
 - b. Click "Mass Upload Students".
 - i. This will display a dialog which prompts you to download an Excel (.xls) file and edit your students there. Full instructions can be found in that document.
 - ii. Browse to the saved .csv file and click "Upload Students". This will create pre-filled entries like the "Add Student" Field.
 - c. Click "Choose Students".
 - i. This will give you a dialog with a list of previously entered students who are not assigned to a challenge team. This includes students from other teachers at your school. For example, if you previously entered a Video Team, you may assign one of those students to a Challenge team.
 - ii. Put a check next to students to add, click "Add Students". This will create pre-filled entries like the "Add Student" field.
5. Note: Only Student E-mail is optional.
6. Click Submit.
7. If there are errors or omissions the form will re-display with red text will explaining the issue.
8. Repeat steps 3-7 until all teams have been created.
9. You may edit team and student names at any time by clicking the "Edit" button.
10. Click on "Home" to return to the main menu.

Adding Videos

1. From the Main Menu, click on “Manage Challenge, Math, and Video Teams”.



Click to Manage Challenge, Math, and Video Teams

2. The upper right corner displays summary information about your school, division, how many teams/videos you’ve paid for and used, and your payment status. If we have not received your payment you will not be able to add videos.

Manage Teams

Acalanes High

[Home](#) / [Manage Teams](#)

Manage Challenge Teams

Team Limit Reached

Name	Students	Actions
Awesome Team	Joe Awesome Jane Awesome Sally "Sal" Awesome	Edit Delete

County/District/School	Challenge/Division	Videos (Used)	Status
C: Contra Costa	No Division Set	RoboPlay: 1 (1)	Paid
D: Acalanes Union High		Videos: 1 (2)	
S: Acalanes High		Math: 0 (2)	

3. Click on “Add Video”.
4. Enter a title for the video (e.g. “Pollution Solution”).
 - a. When the video is uploaded to YouTube, you should set the title in the format:
“Roboplay 2015 - <Video Title>”
(e.g. “Roboplay 2015 – Pollution Solution”)
 - b. Be sure to include the Roboplay Competition information, school name, and students in the YouTube description. Tag the video for “RoboPlay 2015”.
 - c. See [Appendix A](#) for instructions on how to edit your video title, description, and Tags on YouTube.
5. Enter the YouTube Link.
 - a. The YouTube link may be in any standard format provided by YouTube. Examples are shown on the Add Video page.
 - b. Note: In order for the video to be judged the video must be set to both Public and Embeddable on YouTube. See [Appendix A](#) for details on how to check these settings.

Add Video

[Home](#) / [Videos](#) / [Add Video](#)

Name:

YouTube URL or Code:

Accepted Formats:

- <http://www.youtube.com/watch?v=-wtIMTCHWul>
- <http://www.youtube.com/v/-wtIMTCHWul>
- <http://youtu.be/-wtIMTCHWul>
- -wtIMTCHWul (Just the code)

Students:

One Student Per Line

Has a Custom Part:

No

6. If the video features custom designed part(s), set the corresponding dropdown to “Yes”.
 - a. Only videos with the “Custom Part” flag set will be judged for the “Best Custom Designed Part” award.
 - b. If your team used a custom designed part, you are strongly encouraged to upload the model files for that part so others may benefit from it.

7. You can add students in 3 different ways:

- a. Click “Add Student” to add a new blank student entry.


Add Student

Mass Upload Students

Choose Students

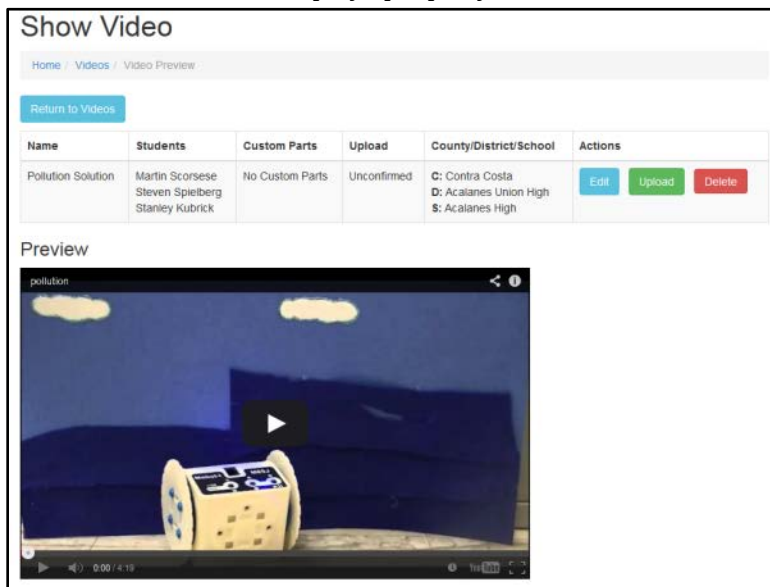
- i. Fill out the fields one at a time. You may use Tab to go to the next field.

Joe	Middle/Nick	<input type="checkbox"/> Is Nickname	Awesome
1234567899	Male		
White	Grade	7	joe@awesome.com



- ii. If the “Middle Name” is a nickname, check the “Is Nickname” box to have it displayed in quotes.
 - iii. If you accidentally add a new student that you don’t need, click the red X to remove that entry.
 - b. Click “Mass Upload Students”.
 - i. This will display a dialog which prompts you to download an Excel (.xls) file and edit your students there. Full instructions can be found in that document.
 - ii. Browse to the saved .csv file and click “Upload Students”. This will create pre-filled entries like the “Add Student” Field.
 - c. Click “Choose Students”.
 - i. This will give you a dialog with a list of previously entered students who are not assigned to a challenge team. This includes students from other teachers at your school. For example, if you previously entered a Video Team, you may assign one of those students to a Challenge team.
 - ii. Put a check next to students to add, click “Add Students”. This will create pre-filled entries like the “Add Student” field.
8. Note: Only Student E-mail is optional.
9. Click Submit.
10. If there are errors or omissions the form will re-display with red text will explaining the issue.
11. Click Submit.

12. Ensure that the Preview plays properly.



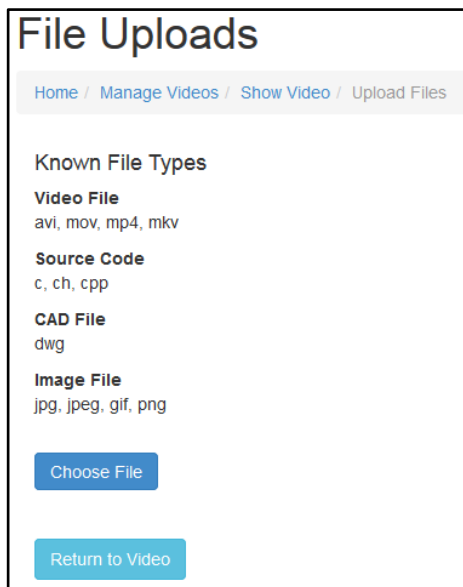
13. Click “Upload” to go to the file uploader.

14. Click “Choose File” and upload the raw video file.

- Note: Videos will NOT be judged if the raw video file has not been uploaded.**
- Additional restrictions may apply; see the [RoboPlay Video Rules](#) for full details.
- You may check the status of the upload on the Manage Videos page. It may take a day or two for your upload to be “Confirmed”.

15. You must upload .ch source files and part modeling files for each video.

- Additional restrictions may apply; see the [RoboPlay Video Rules](#) for full details.
- If your video contains a custom designed part(s) it is strongly recommended (but not required) that you upload your corresponding model file(s).



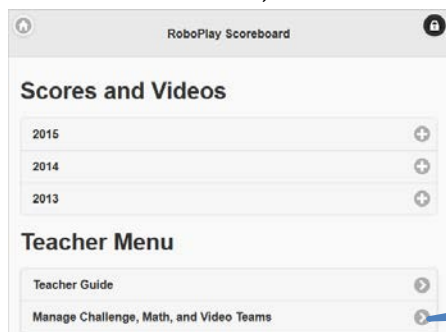
16. Return to the video page and click on “Return to Video”.

17. Repeat steps 3-13 for additional videos.

18. You may edit your video entry at any time by clicking the “Edit” button.

Creating Math Teams

1. From the Main Menu, click on “Manage Challenge, Math, and Video Teams”.



2. The upper right corner displays summary information about your school, division, how many teams/videos you’ve paid for and used, and your payment status. If we have not received your payment you will not be able to add teams.

Manage Teams and Videos

Luther Burbank High

County/District/School	Teams (Paid For)	Status
C: Sacramento	Challenge: 0 (1)	Paid
D: Sacramento City Unified	Video: 0 (2)	
S: Luther Burbank High	Math: 1 (2)	

[Home](#) / [Manage Teams](#)

3. Click “Add Math Team” and enter the team name and select the appropriate division.
4. You can add students in 3 different ways:
 - a. Click “Add Student” to add a new blank student entry.
 - i. Fill out the fields one at a time. You may use Tab to go to the next field.

Joe	Middle/Nick	<input type="checkbox"/> Is Nick	<input type="button" value="Add Student"/> <input type="button" value="Mass Upload Students"/> <input type="button" value="Choose Students"/>
1234567899	Male		
White	Grade 7		

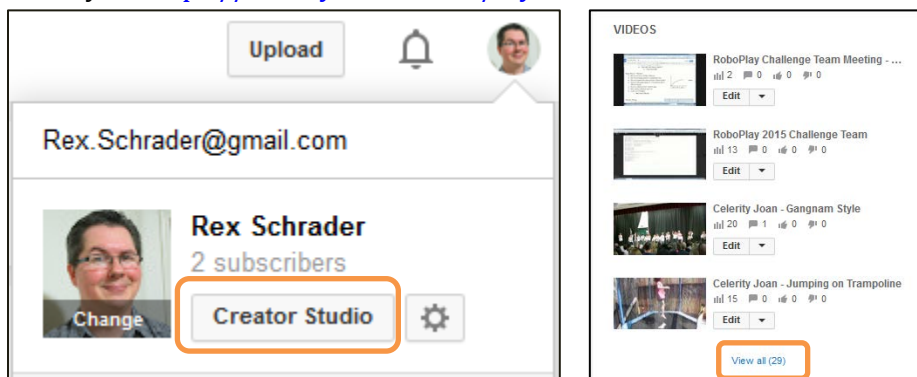
- ii. If the “Middle Name” is a nickname, check the “Is Nickname” box to have it displayed in quotes.
 - iii. If you accidentally add a new student that you don’t need, click the red X to remove that entry.
- b. Click “Mass Upload Students”.
 - i. This will display a dialog which prompts you to download an Excel (.xls) file and edit your students there. Full instructions can be found in that document.
 - ii. Browse to the saved .csv file and click “Upload Students”. This will create pre-filled entries like the “Add Student” Field.
 - c. Click “Choose Students”.
 - i. This will give you a dialog with a list of previously entered students who are not assigned to a challenge team. This includes students from other teachers at your school. For example, if you previously entered a Video Team, you may assign one of those students to a Challenge team.

- ii. Put a check next to students to add, click “Add Students”. This will create pre-filled entries like the “Add Student” field.
5. Note: Only Student E-mail is optional.
6. Click Submit.
7. If there are errors or omissions the form will re-display with red text will explaining the issue.
8. Repeat steps 3-7 until all teams have been created.
9. You may edit team and student names at any time by clicking the “Edit” button.
10. Click on “Home” to return to the main menu.

Appendix A – YouTube

Managing Your YouTube Videos

1. Navigate to <http://www.youtube.com> and log in.
2. Click the gear icon and select “Creator Studio” and under videos click “View All” or navigate directly to: https://www.youtube.com/my_videos

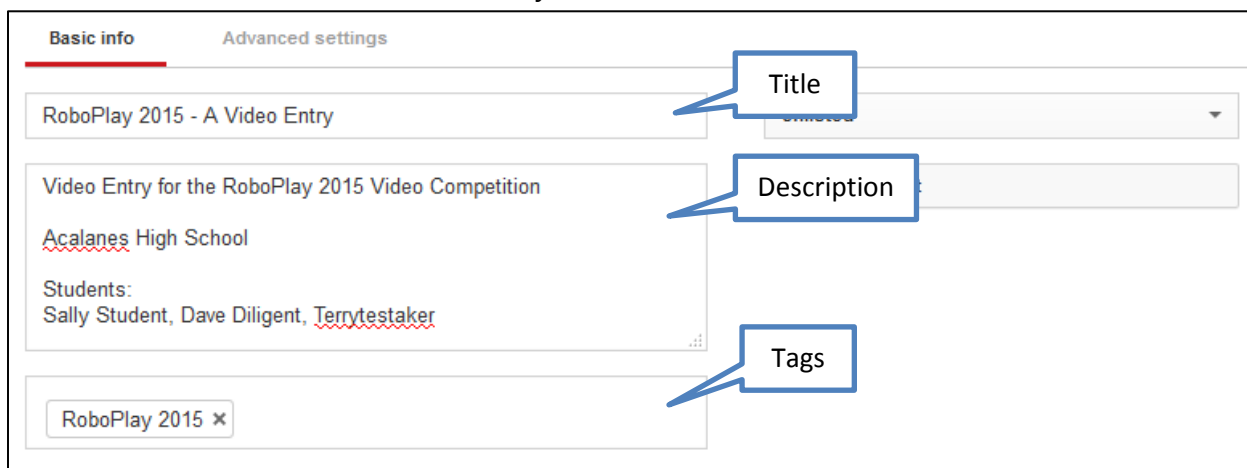


3. From the Video Manager page, click the “Edit” button next to the video you wish to modify.



Changing Video Title, Description and Tags

1. Navigate to the Edit Video Page for your video
2. Under the Basic Info tab you may edit the video title, description, and add tags.
3. The Title should be in the format “RoboPlay 2015 – Video Title”



4. Description should include School and Students.
5. Tag video as “RoboPlay 2015”
6. Click Save changes.

Setting a Video Public

1. Navigate to the Edit Video Page for your video
2. Under the “Basic info” tab, choose “Public” from the dropdown menu.

The screenshot shows the 'Basic info' tab of a video editing interface. The video title is 'RoboPlay 2015 - A Video Entry'. The description is 'Video Entry for the RoboPlay 2015 Video Competition'. The location is 'Acalanes High School'. The students listed are 'Sally Student, Dave Diligent, Terrytestaker'. The video is categorized as 'RoboPlay 2015'. On the right, there is a dropdown menu for visibility settings with options 'Public', 'Unlisted', and 'Private'. The 'Public' option is selected and highlighted with a blue box. A callout bubble points to this box with the text 'Choose Public'. Below the dropdown menu, there are social sharing icons for YouTube, Google+, Facebook, and Twitter, and a button labeled '+ Add to playlist'.

3. Click Save changes.

Making a Video Embeddable

1. Navigate to the Edit Video Page for your video
2. Under the “Advanced settings” tab. Ensure that the “Allow embedding” checkbox is checked.

The screenshot shows the 'Advanced settings' tab of a video editing interface. The 'Comments' section has checkboxes for 'Allow comments' and 'Users can view ratings for this video', both of which are checked. The 'License and rights ownership' section has a dropdown menu set to 'Standard YouTube License'. The 'Syndication' section is set to 'Everywhere'. The 'Caption certification' section has a dropdown menu set to 'Select one'. The 'Distribution options' section has checkboxes for 'Allow embedding' and 'Notify subscribers', both of which are checked. The 'Age restrictions' section has a checkbox for 'Enable age restriction' which is unchecked. On the right, there are sections for 'Category' (set to 'Gaming'), 'Video location' (with a search button), 'Recording date' (set to 'Today'), '3D video' (set to 'No preference'), and 'Video statistics' (with a checkbox for 'Make video statistics on the watch page publicly visible' which is checked). A callout bubble points to the 'Allow embedding' checkbox with the text 'Check Allow Embedding'.

3. Click Save changes.