

twig EDUCATION

Video Guide



www.twigeducation.com

Welcome to **twig** EDUCATION

For 10 years, Twig Education's products and services have been revolutionizing classrooms around the world. We are committed to delivering the quality of learning environments expected by digital natives and modern classrooms, bringing real-world wonder and understanding into education. Our outstanding educational content has won numerous industry awards and is available in 60 countries and 20 languages.



Our Products

Our learning resources are aligned to over 20 international curricula. They have been created to engage and inspire students with captivating real-world content relevant to their age group or grade level.



Ages 11–16

Award-winning films that combine visual and adaptive learning, supported by hundreds of lesson plans, visuals and other classroom resources.

- STEM and geography
- Teacher or student led
- 1,800+ videos in English
- 1,500+ quizzes
- 150+ learning material packs
- 130+ maths lesson plans



Ages 7–11

Engaging visual resources, lesson plans and quizzes that provide teachers with fun and easy lesson activities to simplify tricky scientific concepts for primary school students.

- Science and geography
- Teacher led
- 800+ videos in English
- 100 lesson plans



Ages 4–7

A complete online resource for younger children, to introduce scientific concepts in a simple, fun and engaging way.

- Foundational science
- Teacher led
- 100 videos in English
- 49 lesson plans
- 50+ games





Benefits of Video Content in Education

Why should you incorporate video content in the classroom?

Today's students are bombarded with information and distractions everywhere, so getting their attention in the classroom can be a challenge. The key is to adapt to what they need, offering **engaging and exciting content tailored to Generation Z**.

The traditional format of long lessons where the teacher is doing most of the talking is actually not the best way for humans to take in information – **our brains prefer bite-sized nuggets of information**. Having **something visual to contextualise abstract concepts** is also beneficial. This makes short, highly visual videos perfect for keeping students engaged while allowing them to easily digest new concepts and facts!



Research shows that **incorporating video content improves student engagement**. For example, in a Kaltura study in 2016, 93% of teachers said that videos had a positive effect on student satisfaction and 88% said video usage **improved student achievement levels**.

Researchers such as Willmot et al (2012) and Galbraith (2004) have also found pedagogical benefits in incorporating videos in teaching, such as **increased student motivation, enhanced learning experiences and higher achievement in exams**.

Videos can be used in a variety of ways – to introduce a new topic, to illustrate a topic as you teach it or as reinforcement and for revision. They are perfect for **effectively kickstarting student discussion**, both in real life and online.

Why Twig?



With breathtaking footage, bespoke animation, and skillful storytelling techniques, our award-winning video content is globally considered as best-in-class.

Our award-winning videos are made using high-quality content from the likes of BBC and NASA, and they are aligned to international curricula. This means you never have to worry about finding videos that are age-appropriate and aligned to your curriculum while still being fun and engaging – we've already done the work for you!

A University of Glasgow study showed that Twig videos support teachers to effectively teach their science curriculum. Teachers reported an increased interest in and understanding of lesson content among students. Our videos were also shown to overcome literacy barriers and support differing ability levels.

There are several types of Twig videos available across our different products.

Twig offers thousands of three-minute films for Science, Maths and Geography. There are four types of videos, which serve different purposes and assist you throughout the learning process:

- **Curriculum films** deliver key learning points from the curriculum.
- **Context films** anchor concepts in the real world with examples of real-world phenomena.
- **Glossary films** act as a visual dictionary of scientific words.
- **Experiment films** show how to carry out class experiments, from setup all the way through to analysis.



On-screen key words, closed captions and downloadable transcripts offer further support for students with additional support needs or who have English as a second language.

Tigttag lesson plans are based around captivating, high-quality film content. Each Tigttag lesson contains at least one curriculum film, one context film and four to five shorter Tidbit films:

- **Curriculum films** cover the key points of each lesson.
- **Context films** provide examples of real-world phenomena, ensuring that students get an in-depth understanding of topics.
- **Tidbit films** are short – only 30 seconds – and encourage fun, active learning with games and exercises like True or False and Odd One Out. These are perfect for reviewing learning at the end of a lesson.



In **Tigttag Junior**, each lesson is based around two short, fun films to capture younger students' interest. The video content is complemented by related visuals, interactive games, and quizzes to assess learning.



6 Ways Twig Content Can Improve Engagement and Assess Understanding

It can feel like a challenge to make distance learning lessons interesting, but by using the right tools and the right content, you can keep challenging your students with engaging distance learning lessons. We've put together some tips that will help.

Use video content to encourage engagement

Videos can be used to kickstart discussion, to connect concepts to the real world, or to tie up a topic at the end of a lesson.

Twig and Tigtag's **curriculum films** are best used for explaining key ideas and concepts. Incorporate these in the first half of your lesson, ideally after an introductory discussion where you assess what students already know. Twig's **glossary films** are perfect for older students to learn scientific terms with the help of visual cues. They are ideally used in correlation with curriculum films to cement students' knowledge of scientific terms.

TIP: Remember to ask questions that are open ended, as this will allow you to more fully understand how much your students are learning.

Use videos to check understanding

Twig and Tigtag's **context films** help to anchor concepts in the real world and can be used effectively to check learning. Watching a context film after you've discussed the curriculum film can open up further discussion, allowing you to check if students really understand how concepts apply in real life.

Tigtag's **Tidbit films** are ideally used toward the end of a topic, with interactive games and activities that help you assess what students have understood, such as "True or False" and "Odd one out".

TIP: To make sure that all students get the chance to talk, use a system such as a digital "raise your hand". If some students never participate, address them directly so they are not left out.

Share your screen to present content with your students

Instead of trying to time 30 students watching the same video at the same time, a good way to bring your whole class together is to share your screen through a video conference program. Both Twig and Tigtag have a **"Present this lesson" function** which allows you to easily share the contents of a lesson with your class, allowing you to watch videos or other content together.

Make use of quizzes and review questions

Tigtag and Twig content comes with **ready-made quizzes and review questions** that are designed to assess and extend learning. Either use these with the whole class or ask students to split up into virtual groups to discuss and come back to report their answers.



Set practical activities as homework

While **practical activities** are difficult to do together in a distance learning classroom, they can be used effectively as **homework**. Many of the practical activities available through Twig and Tigtag are already suitable for doing at home, or can be adapted.

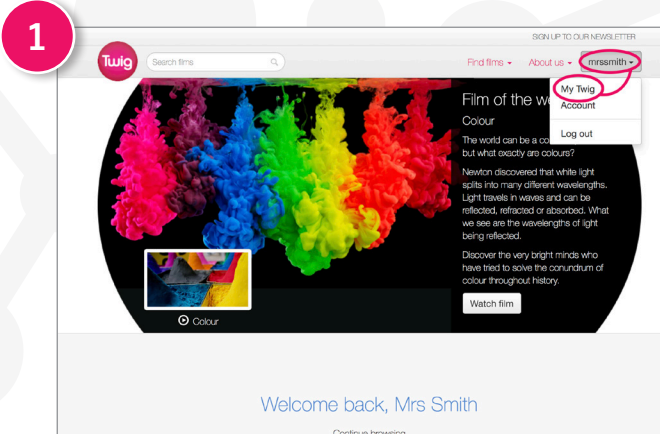
Ask your students to try these activities at home and come back to the next lesson ready to share their results. This is a great way to engage your students and make them feel more involved in what they're learning, while also giving you a chance to assess their understanding.

Use key learning points for self-assessment

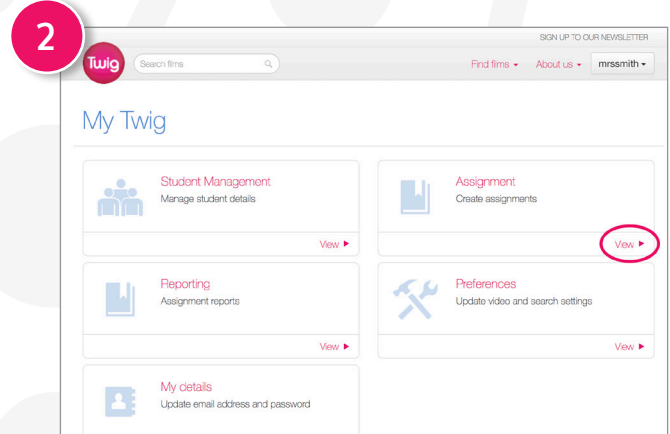
At the end of a lesson or session, ask your students to assess their own learning. This can be done efficiently with a traffic light system. Give your students the **key learning points** available for each Twig or Tigtag topic, and let your students rate their understanding using green, yellow or red. This allows you to easily see what areas your students are struggling in.

How to Use Twig Assignments

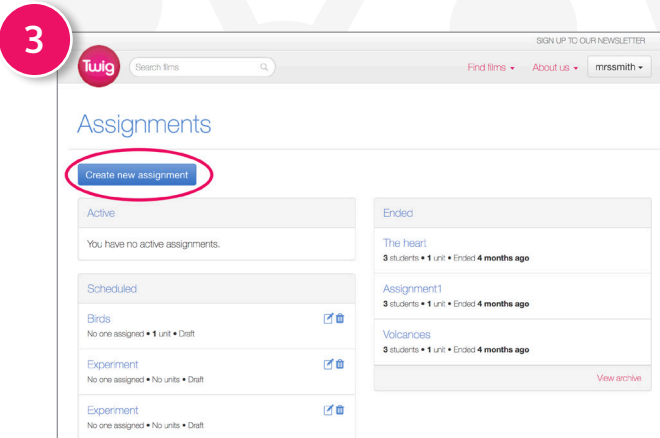
With Twig Assignments, you can easily assign videos for your students to watch.



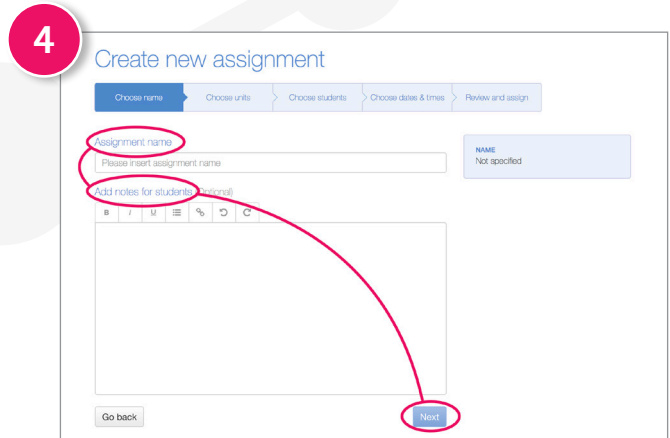
Click your username (top-right) and select "My Twig".



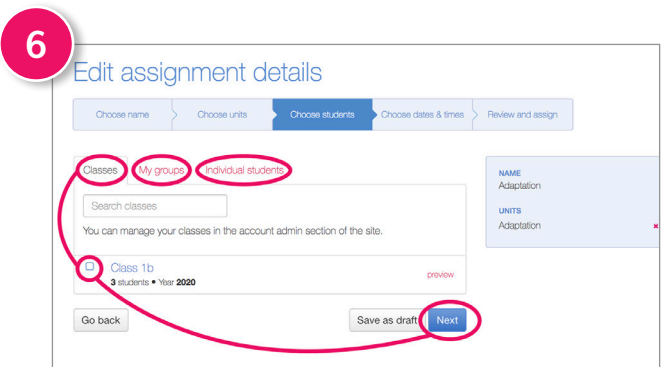
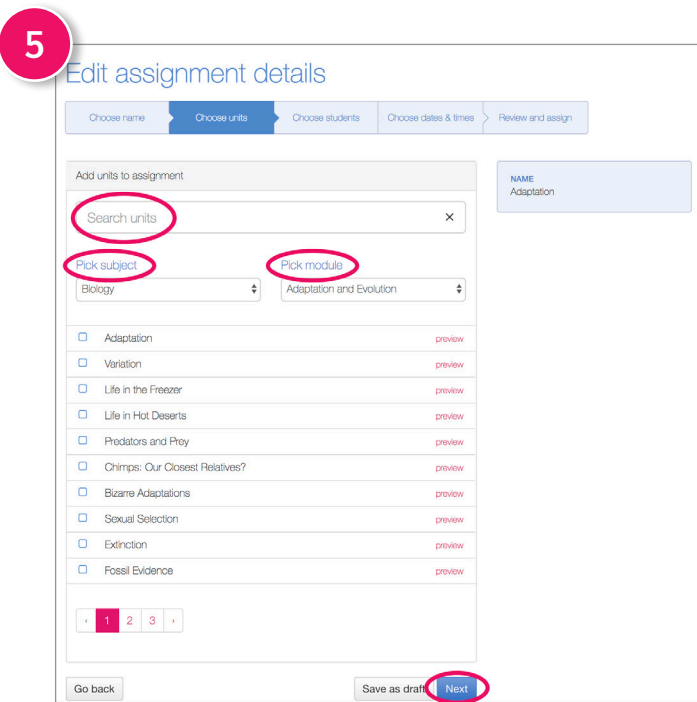
Under "Assignments", click "View".



Here, you can see past and present assignments. To start a new one, click "Create new assignment".

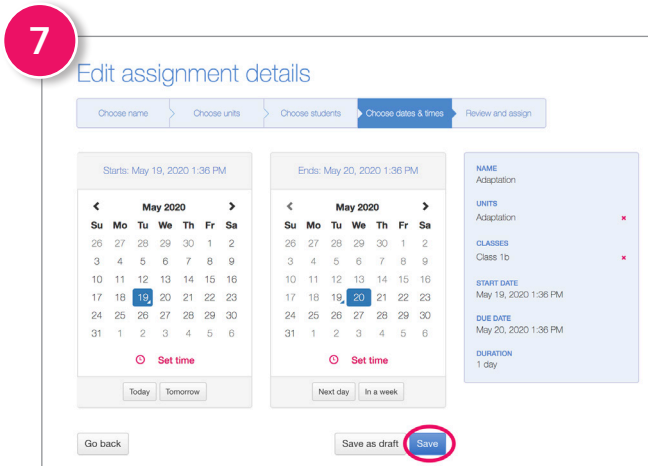


Give your assignment a name and add notes for your students (optional).

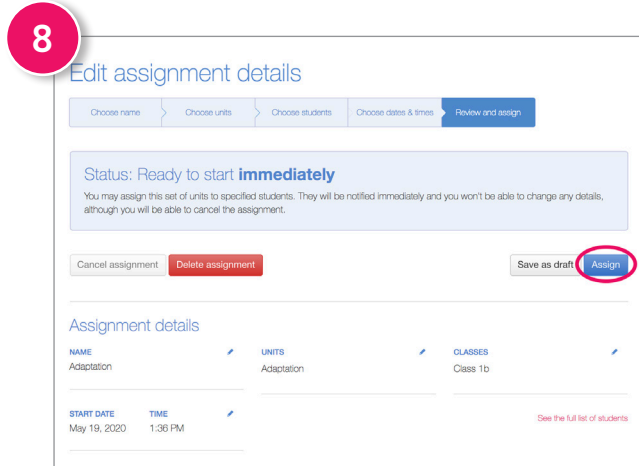


Find the video/unit you need either by browsing the list by topic or by searching with a keyword. Tick the unit you want and hit "Next".

Next, you can choose whether you want to assign the video to a whole class, a group of students or individual students. Tick the required boxes and hit "Next".

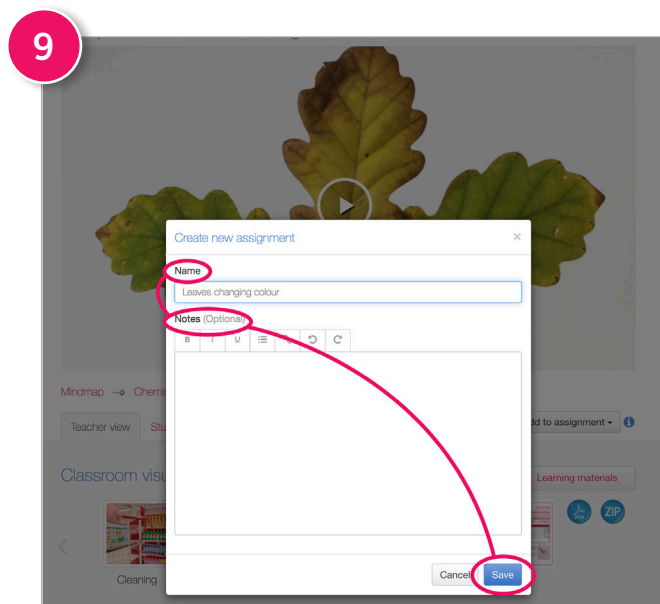


Pick a start and end date for the assignment and hit "Save".

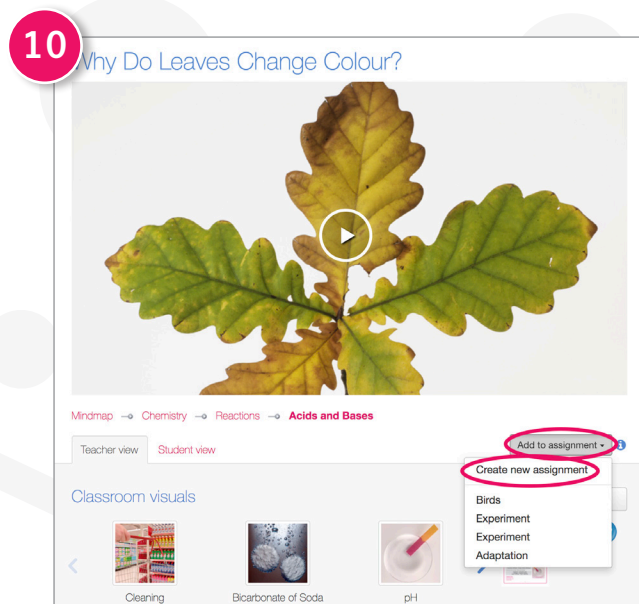


Finally, review our assignment and hit "Assign". This will notify your students of their new assignments, allowing them to log in and watch it on their own.

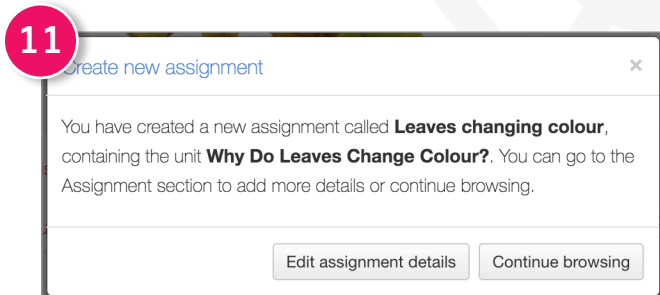
You can also assign videos directly from a video page:



When you've found a video, simply click "Add to Assignment".



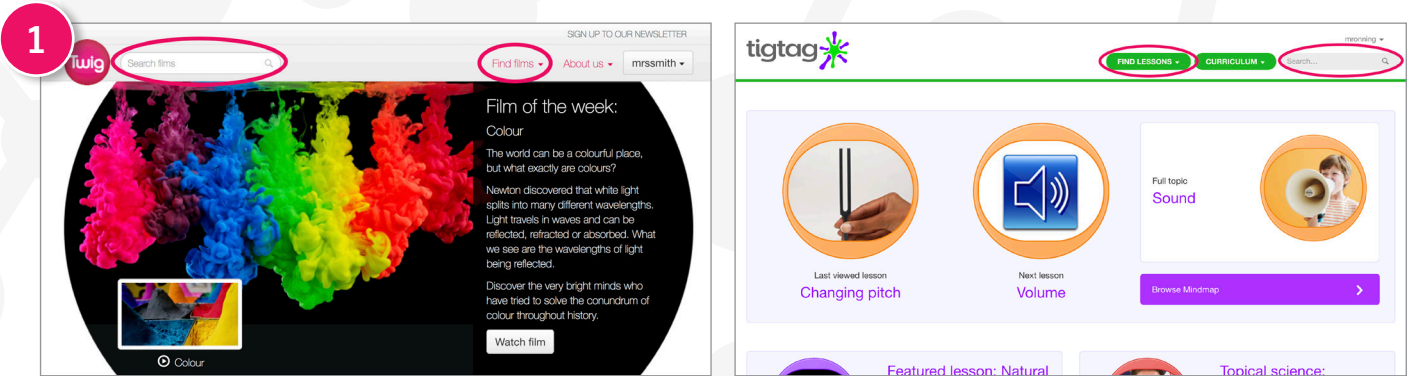
You can either choose to add the video to an existing assignment or select "Create a new assignment".



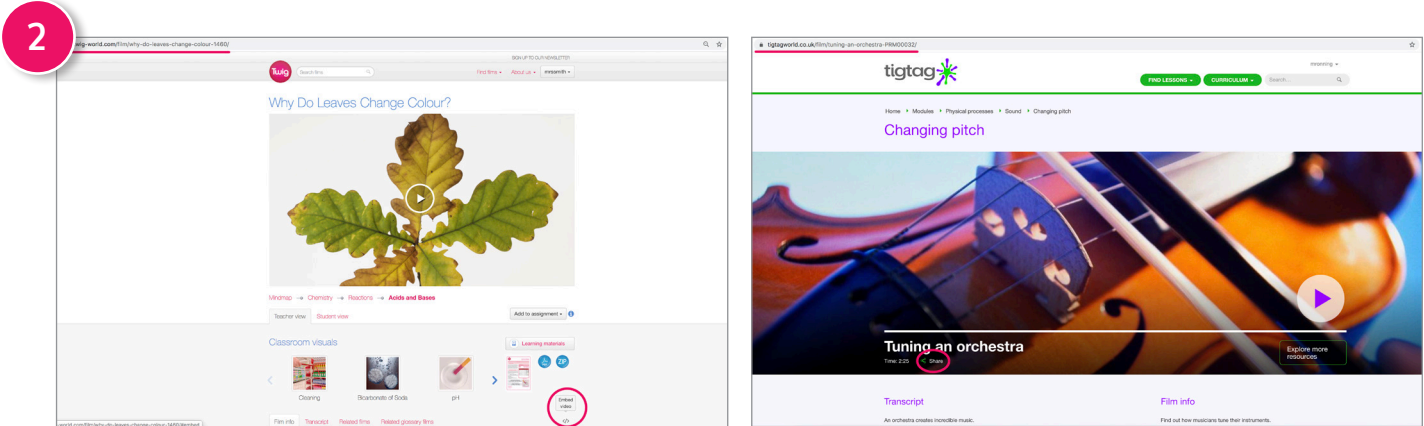
You have the option to either continue browsing and edit your assignment later, or edit right away, following the instructions above.

How to Use Share Videos Via URLs

Twig, Tigtag and Tigtag Junior videos can all be shared using URLs. There are a couple of ways of doing this.



Find the video you would like to share with your students. You can either find videos by searching for keywords, or by using the Mindmap to browse by topic.

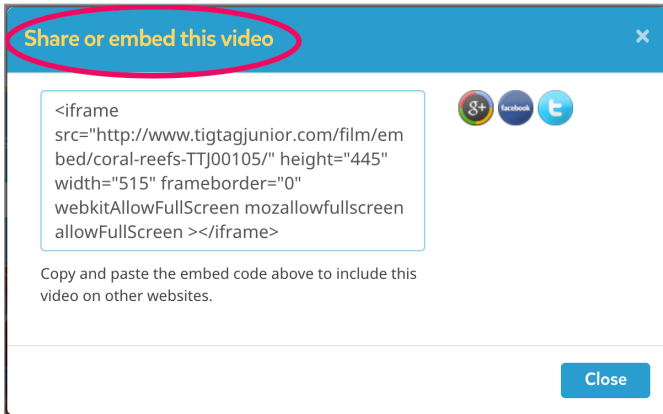
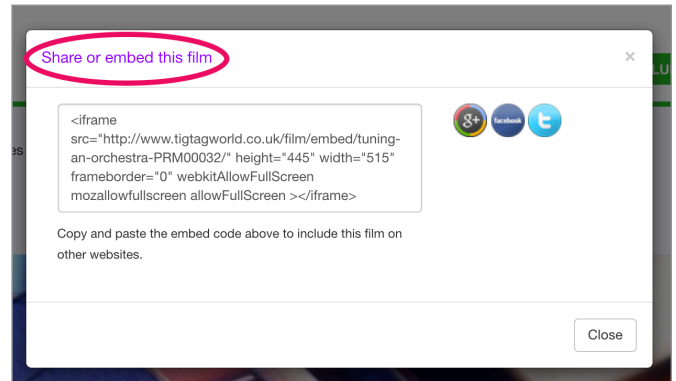


Either:

- Copy the URL from the address bar, using cmd+c or ctrl+c

Or:

- Find the sharing symbol (circled in pink above) and click it.



In **Twig**, this will bring up an embed HTML code plus a shortened URL. In **Tigttag** and **Tigttag Junior**, this will only give you an embed HTML code.

- The embed code can be used to directly place a video into a Learning Management System, provided the LMS supports HTML.
- The shortened Twig URL can be copied and shared in the same way as above.

We support multiple ways of sharing videos with your students, regardless of whether you're using our videos in a distance learning setting or not. Visit <https://bit.ly/3cVusov> to find the best way to share videos with your students.

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