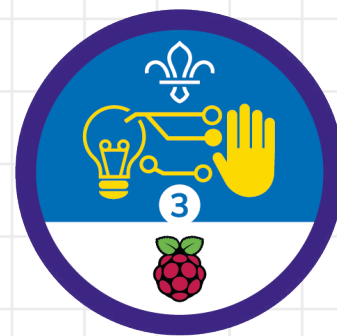


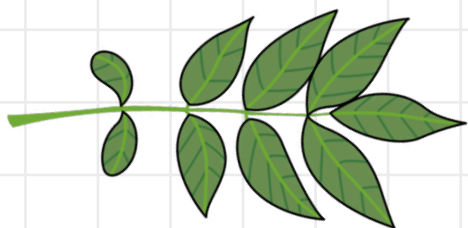
Project presentation video

1



Overview

This activity fulfills **Stage 3, Requirement 4** of the **Digital Maker Staged Activity Badge** ('Show and present your digital making project'). Young people will create a video presentation of their project. They could also publish that presentation online or as part of a website that they have created.



You will need:



- Video-capable cameras — smartphones are perfect for this
- Laptops or desktop computers (ideally one per group)
- Activity handouts
- Blank paper and pens/pencils/markers for storyboarding
- WiFi access for the editing stage



120 – 360 minutes



Flexible (ideally two to four young people per group)



Ensure that you have WiFi for the editing stage

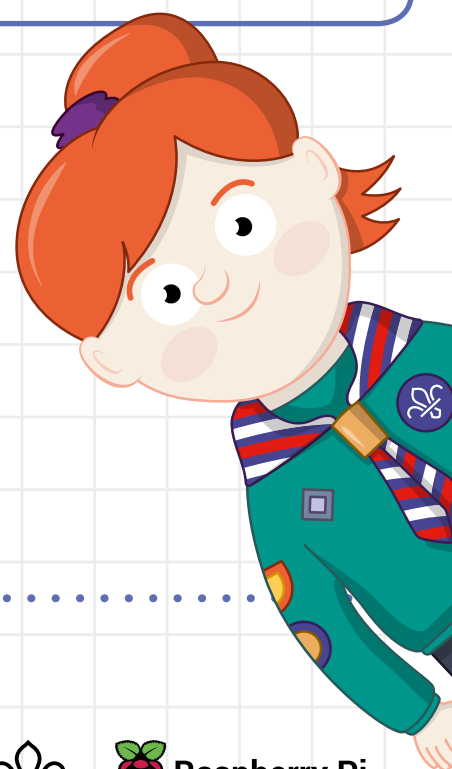


Filming can take place anywhere that the young people's projects are available. For the editing stage, you will need access to computers.

Key messages



- Clear and engaging communications are very important
- What we learn from creating technology can be about more than technology



Project presentation video

2

Leader instructions



- 1 Discuss what the young people have already achieved by creating their projects.
- 2 Explain how sharing what we have learned with the wider group helps us learn from each other.
- 3 Explain that the young people will be creating videos to demonstrate the projects that they created as part of Stage 3 of their Digital Maker Staged Activity Badge and what they learned when creating those projects.
- 4 Mention that we often learn the most from times when we struggle and make mistakes, so the young people should not worry about discussing difficulties that they encountered during the project, how they overcame them, or how they plan to overcome them in the future.

Account registration

Young people will need an Adobe Spark account to complete this project. One option to consider would be creating a shared account for the troop, or for each group, that you have access to.

If participants are over 13, they can create their own Adobe accounts and use those to edit their videos instead.

Alternatives



- Instead of producing a video, the young people could do a presentation with storyboards to explain the steps that they took and challenges that they faced.
- The young people may find it more convenient to use an app on their Android or iOS device. If so, they can use PowerDirector by Cyberlink on Android, or iMovie on iOS, both of which are available for free from the Google Play Store and App Store respectively.

Safety



If the young people are working online, tell them to ask for permission before viewing any other websites. It's a good idea to set up parental controls — you can find instructions for this on the NSPCC website: [rpf.io/scouts-nspcc-online](https://www.nspcc.org.uk/keeping-children-safe/online-safety/).

You should also give each young person a Stay Safe leaflet: [rpf.io/scouts-staysafe](https://www.nspcc.org.uk/keeping-children-safe/online-safety/).

Before young people publish any videos, check to ensure that:

- They cannot be identified from any material in the video
- They have not included identifying information (like their full names) along with the video
- Any participants in the video have consented to being filmed and included in the published video

You should also consider whether you want information that could identify your troop in any videos published online.

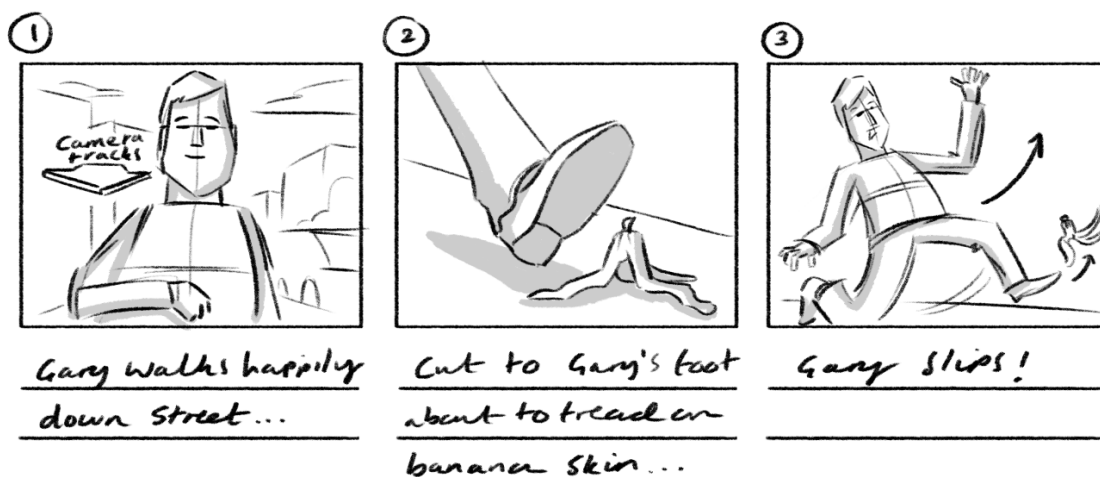
Make sure that young people don't attempt any shots that are potentially dangerous to film.

Project presentation video

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In this activity, you will create a video to explain and demonstrate the digital making project that you have already completed.

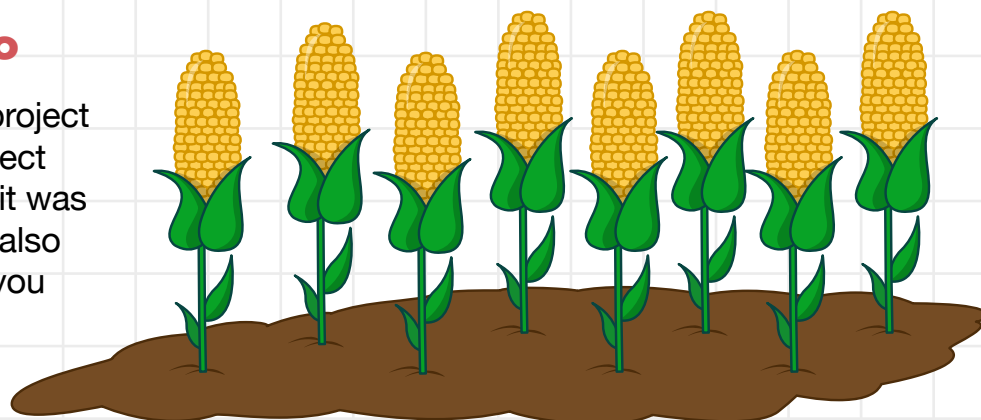
Part 1: Storyboard your video



Before you start to record your video, it's a good idea to plan everything out. Think about which aspects of your project you want to focus on and draw some rough sketches of the shots that you will need to discuss those aspects. Consider including some of the following:

A technical demo

Show viewers how the project works, and how the project solves the problem that it was designed for. You could also add a voice-over when you edit the video.



Project presentation video

What was different or interesting

When you talk about how you created your project, consider what makes your project different from what your audience might have already seen. For example, you may have tried to solve an unusual problem, or used a new or cool type of technology.

Your biggest lesson from the project

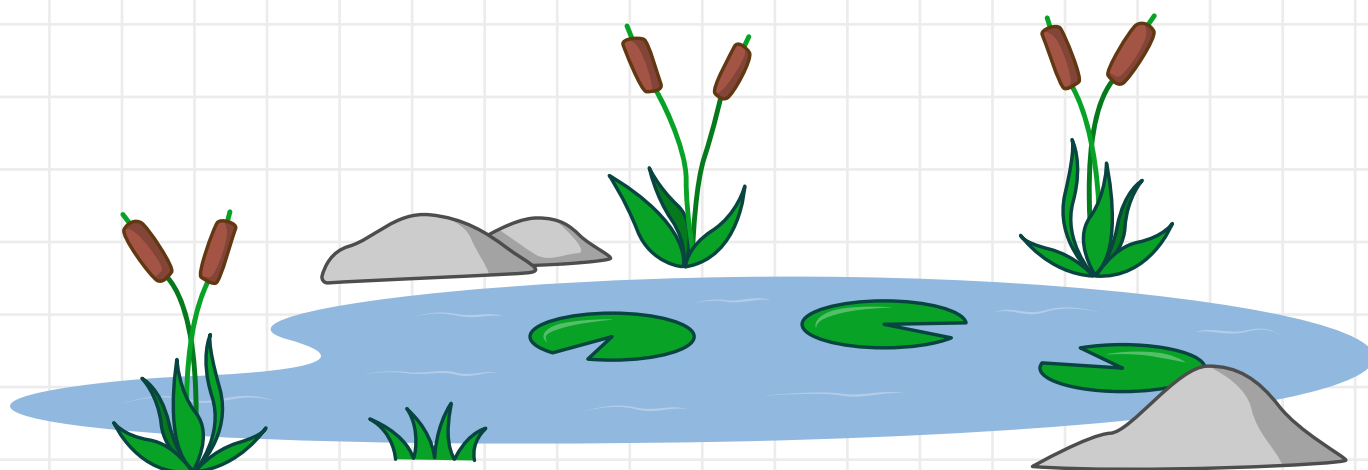
What was the biggest lesson you learned from the project? This may be related to the biggest challenge you faced. Remember that this might not have been about technology!

Keep in mind: online safety

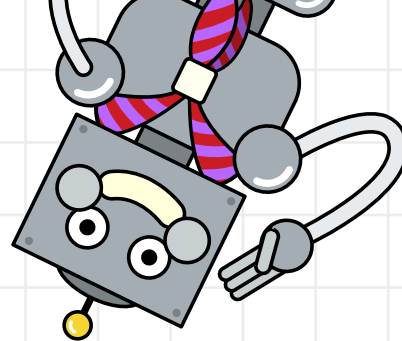
If you are planning to share your video online, make sure that none of your shots include the faces or names of anyone under the age of 18, and that you have permission from anyone you film to include them in your video. It is safe to include images or audio that can't be used to identify you or anyone else, for example, images of your hands or the back of someone's head, or a recording of your voice narrating the video.

Part 2: Write your script

Once you've decided on your shots, decide who will say what and write a script for each shot. The script helps ensure that you have shots of everything that you will need when you edit your video. It also means that if you film multiple takes of the same shot, you'll be able to use pieces from different takes if you need to.



Project presentation video



Part 3: Shoot your video

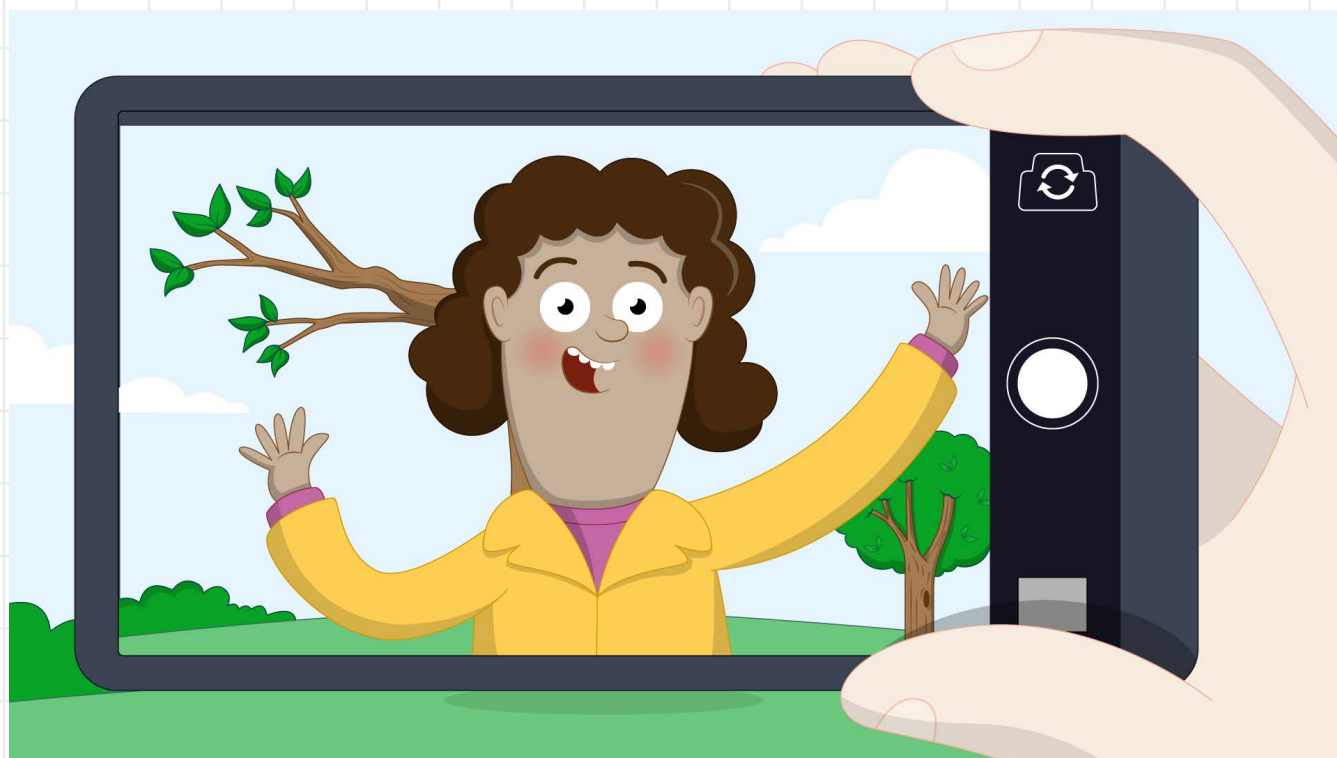
Creating a good shot with a camera involves more than just picking the right subject to film. Here are a few things that you might want to consider:

Holding a smartphone

It's a simple thing, but holding a smartphone horizontally when shooting can produce a much more professional-looking result.

Backgrounds

Don't just think about the focus of your shot. Make sure to keep an eye on everything in the picture, particularly in the background, to avoid problems like shots in which trees seem to be growing out of people's heads!



Project presentation video

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Lighting

The most important thing you need to make a good video is the right kind of lighting. Daylight is usually the best light you can get, but sometimes you might want to use a different kind of light to achieve a particular effect. Remember to check how the camera is recording the image — your eyes are much better at reacting to unusual lighting conditions than even the best cameras.

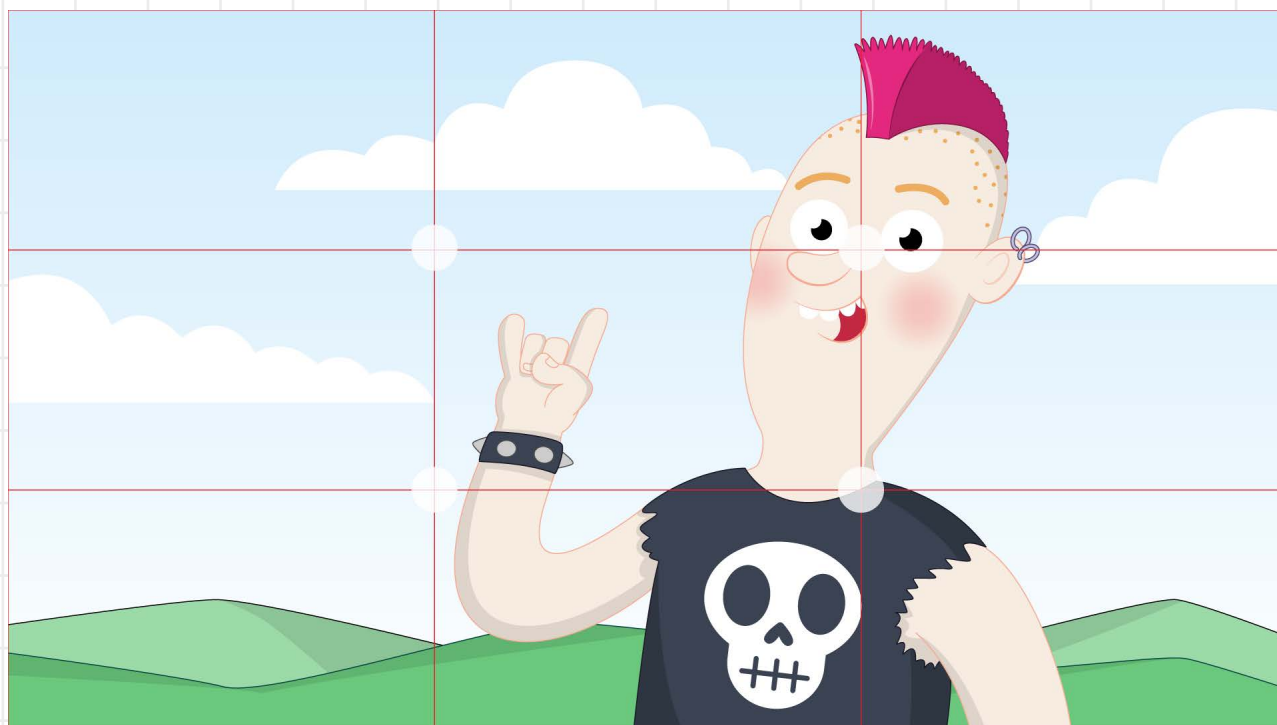
Camera angle

Consider changing the angle of the camera. For example, you could point the camera up at a subject to make it look large and impressive, or down to achieve the opposite effect. Don't be afraid to get inventive!

The rule of thirds

Consider where in the shot you put the most important elements (e.g. the eyes of the person you're interviewing, or the electronic component you're talking about).

A good rule to follow here is the rule of thirds: imagine a 3x3 grid over your shot and place the important elements at the points where the lines on the grid meet.



Project presentation video

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Part 4: Upload your video into the editor

Transferring video to a computer

Transfer the footage that you've recorded on your phone or camera to your computer. Depending on the device that you have used, this might involve connecting the device to your computer with a cable, putting the video on an SD card and inserting the SD card into your computer, sending the video attached to an email or over a Bluetooth connection, or uploading the video to a Google (on an Android device) or iCloud (on an iOS device) account.

Uploading video to Adobe Spark

Once you've got the video on your computer, you need to move it into a video editor. For this project, you will use Adobe Spark, which is free and can be used in your browser.

- 1 Go to **spark.adobe.com** and click the 'Get started now' button to create an account. If you are using your own account, you can either make an Adobe Spark account by clicking on 'Sign up with email', or sign in with your Google or Facebook account, if you have one. If you are using an account provided by your leader, make sure that you ask them for the login details.
- 2 Click on the blue plus icon at the top of the screen to create a new project.
- 3 Click on 'Start from scratch' in the top right-hand corner of the page, then select 'Video'.
- 4 Give your video a title, then pick the 'Make Up My Own' template (on the right-hand side).



Start from scratch ▾

Graphic

Web Page

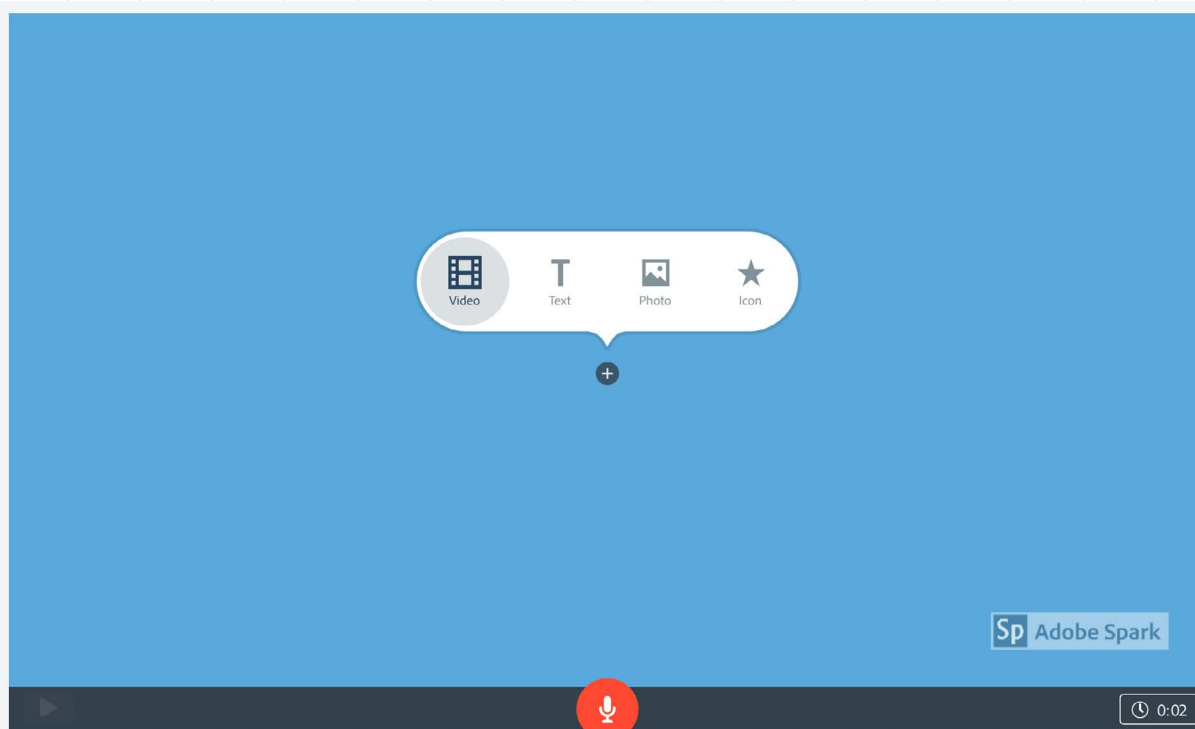
Video



Project presentation video

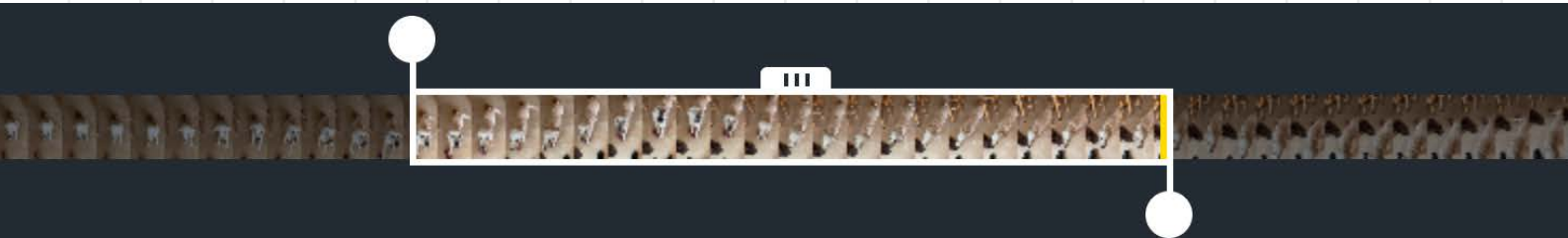
8

- 5** Now, click on the plus icon in the middle of the slide that appears on the screen and select 'Video'. This will allow you to upload your video clip.

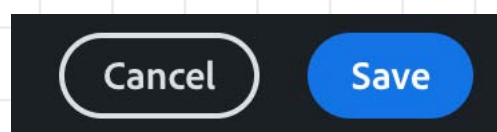


Select your video file from wherever you have saved it on your computer. You will then be presented with a clip editor.

- 6** You can use the handles at the bottom of the editor window to select a smaller section of the clip. You could use this to upload parts of different takes to make them all look like one take.



- 7** Once you've selected the section of the clip you want, click the 'Save' button in the top right-hand corner of the editor to add the clip to your slide.



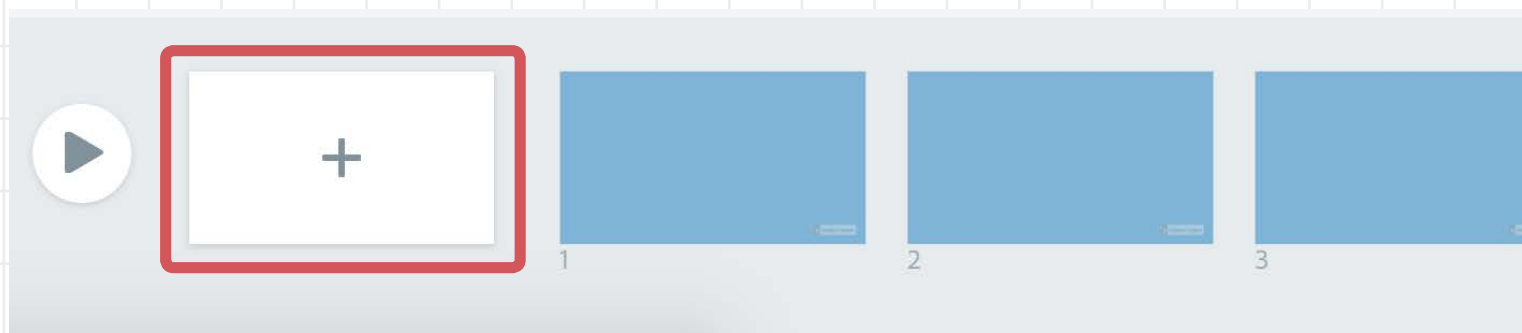
Project presentation video

Part 5: Edit your video

How you edit your film will depend on the plans and storyboard you made, but here's a general overview of some of the things that you might want to do.

Slides

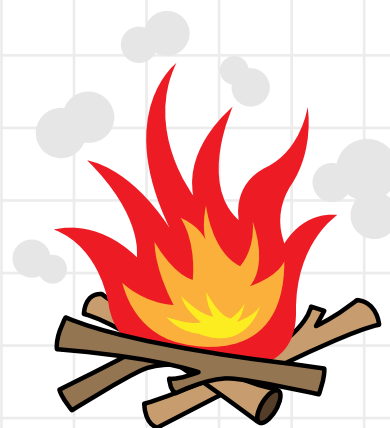
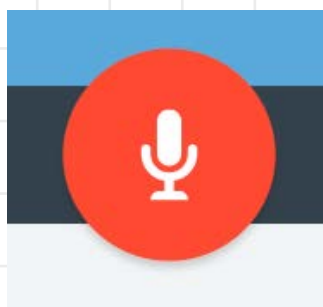
Each clip of video in your film is on a separate 'slide'. They appear in order at the bottom of the screen and you can shift your focus to one by clicking on it. To add a new slide, click on the plus icon to the left of the sequence of slides. To rearrange slides, click and drag them to where you would like the scenes to appear in your film.



To add video to a slide, click on the plus icon in the middle of the slide, just like you did in the last part. If you need to edit any video that's already on a slide, select the slide, click on the video, then click on the pencil icon that appears in the top right-hand corner of the video.

Recording narration

If your computer has a microphone, or you can plug a microphone into it, you can record voice-over narration on a slide by clicking on the microphone icon at the bottom of the slide and holding it down while you speak.



Layouts and themes

You can choose a layout for your slide from the options on the right of the screen. You can choose to include more than one video, or a video and an image — which could be very useful for your tech demo — and you can add titles to your video.

Layout Theme Resize Music

FULLSCREEN

**SPLIT
SCREEN**



CAPTION

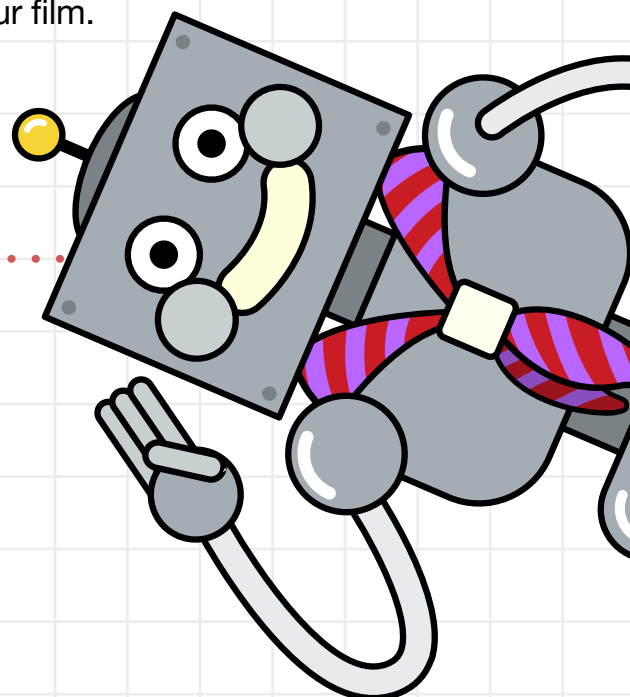
**TITLE
AND TEXT**

Try a few layouts, and try different ‘themes’ or looks for the text (to switch to ‘Theme’, use the options on the top right-hand side). Note that some themes will change how your videos look too!

Music

In the section on the right-hand side, you can choose to add music to your videos. Adobe Spark will automatically create music to match the length of your film. You can pick the style of this music from lots of options in this section, and the options are conveniently sorted by mood.

Try changing the volume of the music, and turning it off entirely, to create the best backing track for your film.



Project presentation video

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Part 6: Publish your film

Once your scenes are in the perfect order, and you have the right backing track and some suitable captions in place, it's time to watch your film and share it with others.

First, click the 'Preview' button at the top of the screen to watch your film. Congratulations, you've made a movie!



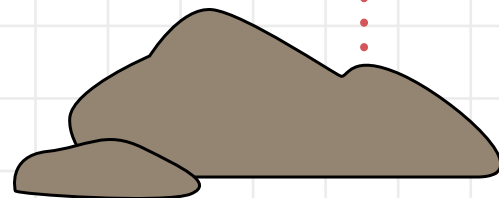
Preview



Share



Download



Downloading your film

If you just want to show your video to your troop or play it at a camp event, you can click the 'Download' button and Adobe Spark will save a copy of the video to your computer. You can then open the video and play it whenever you want to.

Sharing your film

If you want to share your film with a larger audience (e.g. send it in an email, publish it on your website, etc.), you can do that:

1 Click the 'Share' button.

2 Fill in the details such as the title and category. Make sure that you turn off the option to include your name, or that you replace it with a nickname or other online alias that can't be used to identify you.



1. Publish - 2. Share

Title

Dog barking detector

Other

Subtitle

Author

Alex Smith

OFF

Get noticed

Your project may be featured on the Adobe Spark website.

OFF

Create link

Project presentation video

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- 3** Click on 'Create link'. Once the link has been created, you'll be able to share it with anyone so that they can view your film!

Including your video in an existing webpage

If you already have an existing HTML webpage, you can click the 'Embed' button on the 'Share' screen. This will give you a couple of lines of HTML that you can copy and paste into your website, so that you can include your film there.

1. Publish 2. Share

Shareable Link

 <https://spark.adobe.com/video/ouU0vQC50688j> **Copy**

Publish options



Facebook



Twitter



Classroom



Email



Embed

```
<iframe src="https://spark.adobe.com/video/ouU0vQC50688j/embed"
width="960" height="540" frameborder="0" allowfullscreen></iframe>
```

Did you know?

Films are called films because before digital photography, they were recorded and stored on thin films of plastic. Early movies were made using nitrate-based films, which were highly flammable. This made operating film projectors a dangerous business!

Discuss

How would you change your film if the audience wasn't familiar with Scouting?

Tip

Make sure that you record good audio for any narration by finding quiet spaces, ideally indoors, in which to do so.