

MrPICT.com

D.A.R.E.S

Dare to Innovate

Computing projects that inspire pupils to create and innovate.

Video Creation KS2

Greenscreen News Report

What is D.A.R.E.S

D.A.R.E.S is an innovative approach to teaching computing which encourages pupils to be critical thinkers, problems solvers and computational thinkers while creating purposeful content to demonstrate how learning can be applied across the wider curriculum.

Through these projects, pupils are able to deepen their knowledge of computing by applying it to solve problems and create content. These may take place in computing lessons over a half term to then allow pupils to apply these creative ideas more regularly across the curriculum. We do not want to make these projects too prescriptive as we know some classes may need some more time to complete different elements. As teachers, you will know the ability of your class so please feel free to change or adapt these ideas to fit the ability of your class.

The stages which can be adapted into lessons are as follows:

D - Design: Pupils start to discuss the desired outcome for their project and are given time to tinker with the software before planning what they will do to achieve their outcome.

A - Apply: Pupils are given the opportunity to create, make and produce content using the app or software explored in the Design lesson(s)

R - Refine: Pupils spend time considering ways to modify and improve their projects to get the best results possible.

E - Evaluate: Upon completing their desired outcome, pupils are given the opportunity to reflect and consider how effectively they have achieved their goal.

S - Share: Learners are given the opportunity to publish and exhibit their work to the world embedding skills from the Digital Literacy curriculum.

Objectives Covered

The following objectives will be covered in this unit from the progression of skills document available on MrPICT.com

Strand	
<u>Word Processing/Typing</u>	<ul style="list-style-type: none">• I know how to organise and reorganise text on screen to suit a purpose
<u>Video Creation</u>	<ul style="list-style-type: none">• I know how to use cutaway and split screen tools in iMovie.• I know how to evaluate and improve the best video tools to best explain my understanding.• I know how to further improve green screen clips using crop and resize and explore more creative ways to use the tool - wearing green clothes and the masking tool.
<u>Computational Thinking</u>	<ul style="list-style-type: none">• I know how to solve problems by decomposing them into smaller parts

Key Vocabulary

Cutaway, split screen, chroma key, crop, resize, teleprompter, masking, timeline, import, trim.

What is needed:

The main app for this project will be Doink Greenscreen.
You will need to watch the following videos:



iMovie can be used as an alternative.



Keynote or Seesaw can be used to type the planning and evaluation sheet.

To add your news studio background, you may want to download these backdrops:



How to download clips
from Google Drive

Click here to
Download a News
Studio Background

Design

Share the following clip with your class: <https://www.youtube.com/watch?v=9gb6KJYFjiw>

Ask your class how do you think they were able to create this news report? Explain that technology was used to create the illusion that they were in this setting of a news studio with the animated background.

Tinker Time - Give the class 15 minutes to explore the app Doink Greenscreen, encouraging children to investigate all the different options, features and tools available. Use mini-plenaries regularly to encourage pupils to share what they have learnt. What top tips can they share with the class?

Come back together in a class and ask the children if they can see a way in which this app can help create a similar outcome to the film we watched at the start.

Did anyone work out how to change the background on a picture or video using the app?

Did it have to be a particular colour or would any colour work?

Why does the app have three layers?

What other things have we learnt?

Explain to the class that we are going to try and create our own green screen news report..

Give children time to plan how they will create their own green screen video. Use the following template for them to use. Here's a link to the Planning Template as a PDF to print or as a JPEG to complete digitally. Click the following link to watch a tutorial for how your pupils can complete the plan digitally.



My Computing Project Plan

What Will I Be Creating?

What Will I Need?

What Am I Going To Do?

My Own Steps For Success

- 1.
- 2.
- 3.
- 4.
- 5.

My Computing Project Plan

What Will I Be Creating and Why?

A news report similar to what you see on the BBC News Channel to report on a recent news event to share online.

What Will I Need?

An iPad, the app Doink Greenscreen and some green backing paper. A newsroom backdrop photo.

What Am I Going To Do?

I need to film myself in front of the green backing paper using the iPad camera app. Using Doink Greenscreen, I need to add that video in the top layer, then add the newsroom picture in the middle layer before adding images of the news story in the TV screen. I can then save that clip and edit it in iMovie where I can add a soundtrack and a title.

My Own Steps For Success

1. I can film myself acting in role
2. I can add a news room background
3. I can use more than two layers in my green screen project to enhance the report even more.
4. I can edit my clip and add some background music in iMovie.

My Project Plan Design

A large, empty rounded rectangular box with a thin black border, occupying the majority of the page below the title. It is intended for the user to draw or write their project plan design.

Apply

Give the class a lesson or two to film themselves in front of a green background and then edit their special effect in Doink Greenscreen.

The following videos explains how this can be done:



The pupils can save their finished efforts to Seesaw - See [Share Page](#).

Refine

Taking the videos they have created in the apply lessons, and their plan with their steps for success, ask the children to consider how they can now improve and polish their videos.

Demonstrate how they can edit their videos in iMovie by:

- adding a title,
- Voiceover,
- soundtrack
- and edit the clips to create a more effective outcome

The following tutorials can help:

mrpict.com/imovie



The pupils can save their finished efforts to Seesaw - See [Share Page](#).

Evaluate

Ask the children to take their plans created in the design phase and watch back their efforts and fill in the following form to evaluate their work. Here's a link to the Evaluation Template as a [PDF](#) to print or as a [JPEG](#) to complete digitally. Click the following link to watch a tutorial for how your pupils can complete the plan digitally.



When the work is saved to Seesaw, give children the opportunity to offer some peer-to-peer feedback as demonstrated in this video:



My Computing Project Evaluation

What Was I Trying to Achieve?

[Empty text box for project goals]

How Effective Was My Project?

0 1 2 3 4 5 6 7 8 9 10

What Did I Do Well?

[Empty text box for strengths]

What Challenged Me and How Did I Deal With It?

[Empty text box for challenges and solutions]

What Will I Improve Next Time?

[Empty text box for future improvements]

Share

It is important to make sure the pupils save their work to a safe space online. We recommend Seesaw. The following links will share an in-depth tutorial for how to:

- [Get started with Seesaw](#)
- [How pupils can take ownership of their learning](#)
- [How to give feedback through Seesaw.](#)

[Google Classroom can be used as an alternative, click here for a tutorial.](#)

In uploading their work, it is important to make links to the Digital Literacy Objectives from the Progression Document.

Ask questions such as:

Why do we want to upload this?

What personal information are we sharing?

Who will be able to see this work?

Will this affect our online reputation in a positive or negative way?

If you want to share the children's work beyond Seesaw to a blog or social media platform, explain to the children what you are doing and why. Again, use this as an opportunity to re-enforce some of the messages from the digital literacy curriculum.

Please feel free to tweet [@ICT_MrP](#) with your examples and we will feature them on the [MrPICT.com/showcase](#) page.