

Why was a Digital Competence Framework (DCF) introduced?

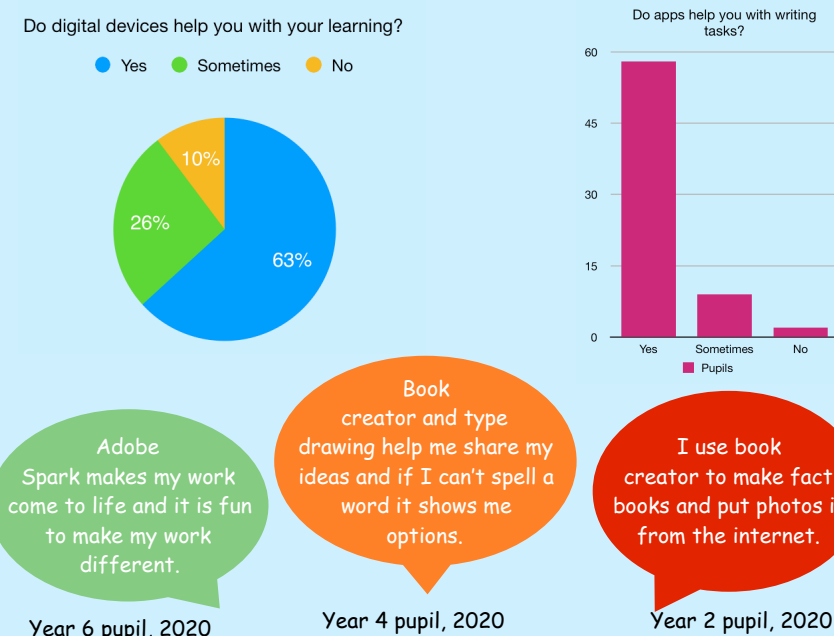
Children of today's world interact with technology on a daily basis; many will leave school moving onto careers in which they will need digital skills. In 2006, Veen, W research showed that schools needed to be facilitators for a generation of pupils who will need skills to adapt to an ever changing world. As educators, we need to be confident to give the pupils opportunities to use these skills to present their work, problem solve and become confident, ambitious learners.

In 2016, the Digital Competency framework was released on guidance from the Welsh ICT Steering group (Arthur, Crick and Haywood, 2013) and Donaldson (2015) who both identified that digital competency is a fundamental part of children's education and therefore, digital skills should be regarded as a core subject alongside, Literacy and Numeracy.

Findings and Surveys

After a recent survey with pupils (Y2,Y4,Y6), it is evident that technology is an integral part of their lives and will continue to be as they grow older. The research showed 63% of pupils surveyed found the use of digital resources, including apps, helps them with their learning and a further 26% found digital devices a support in some lessons. This supports Higgins et al (2012) research which concluded that technology engages and motivates learners and young people.

Data collected from pupils



How can DCF be used across the new curriculum 2022?

DCF skills can be used within the new curriculum ALoEs using apps, coding programmes, pro bots etc. On the next full page, there are instructions on how to use an app that has been used with primary pupils. The app formed part of a 'Read, Write, Perform' project adapted from a Murray and Parkinson (2018) resource.

Additional information

Other apps that can be used with Adobe Spark Video to multi app:

- Green screen (Do ink)
- i-Movie
- SeeSaw (to save videos and create a QR code to share their work)

Apps similar to Adobe Spark Video

- Apple Clips

Further links:

Adobe Spark Video can be used on a desktop by visiting the following web address: <https://spark.adobe.com/features>

www.readwriteperform.co.uk

References

Arthur, S., Crick, T. and Hayward, J., 2013. *The ICT steering group's report to the Welsh government*. Cardiff: Welsh Government.

Donaldson, G., 2015. *Successful futures: Independent review of curriculum and assessment arrangements in Wales*. Welsh Government.

Higgins, S., Xiao, Z. and Katsipataki, M., 2012. *The impact of digital technology on learning: A summary for the education endowment foundation*. Durham, UK: Education Endowment Foundation and Durham University.

Murray, J and Parkinson, P, 2018. *A Letter Home: The WW2 Evacuation Pack*. Available at: <http://www.readwriteperform.co.uk/contact.html> (Accessed: 5th September 2019)

Veen, W. and Vrakking, B., 2006. *Homo Zappiens: Growing up in a digital age*. A&C Black.

USING DCF SKILLS THROUGH ADOBE SPARK VIDEO TO SUPPORT LANGUAGE, LITERACY AND COMMUNICATION.



Article 13

Article 28

Article 29

How to use Adobe spark Video to support DCF skills through Language, Literacy and Communication.

Using Adobe Spark Video in the class

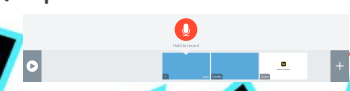
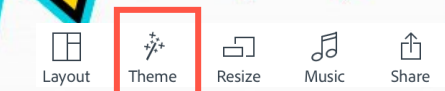
1. Set up an account for your class to access (Remind pupils of the safe use of online platforms).

Tip: Sign in iPads before lesson

2. Open the app (it will automatically show inspirations page) , Click the red add button  Select 'Skip to editor' option.

3. In the top right corner, select theme from the toolbar, to set the theme for your video (click done when chosen). The theme will stay the same for each slide.

4. Using the toolbar at the bottom of the screen, add the appropriate amount of slides for the project. (Pupils can refer to their plan)



5. Each slide can be adapted to a layout of choice. Select layout tab from the top toolbar, to change the theme for each slide. Then, press the add button to insert images/videos*, text or both.

6. Finally, after the slides have been created, hold down the microphone to record narration (30seconds maximum for each slide). Background music can be added, by selecting the music tool from top toolbar.

Video can be saved  to camera roll. Then uploaded to seesaw.

Video tutorial



Why use Adobe Spark Video?

Adobe Spark Video is an engaging and exiting app to help pupils present their work in a different way. Adobe Spark Video was succesfully used to enhance pupils writing and oracy skills linked to a historical (World War Two) topic. The pupils researched evacuation, watched interview clips and wrote their own letter home. Using Adobe Spark the pupils brought their letters to life, using DCF skills to develop and support their LLC skills.

DCF Progression steps:

Creating digital content (Progression steps 1-3)

Evaluating and improving digital content (Progression steps 1-3)

Language Literacy and Communication (LLC) progression steps:

Expressing ourselves through languages is key (elements of Progression steps 1-3)

Scan QR codes for link to DCF / LLC progression steps.



Ideas on how to use Adobe Spark Video in other ALoEs

- **Science and Technology:** Science experiments can be documented / Explanations for Scientific process e.g How does the heart work?
- **Humanities** - Historical reports, explanations of water cycle, coastal erosion.
- **Health and Well-being** - How to stay safe online, evaluating PE techniques or games.
- **Language, Literacy and Communication:** Creative writing e.g story telling, News reports.
- **Mathematics and Numeracy** - Tutorials to show a new strategy.

Any further help needed, email- smitha193@hwbmil.net

Please note: If you have a class logged into the account at the same time, the app can become slow and sometimes unresponsive. This can also be due to the app being on a website based platform.

*images can be used from camera roll or searched for within the app.