



# Unit 1.4: We are publishers

## Creating a multimedia eBook about our achievements

**Software:** Book Creator, Google Photos (alternatives: Google Slides, Microsoft PowerPoint)

**Hardware:** iPads (alternatives: laptop/desktop/Chromebook computers)

### Overview

In this unit, pupils use Book Creator to create a **multimedia eBook** about what they enjoy and have achieved. In:

- **Session 1** they plan their eBook, thinking carefully about the intended audience
- **Session 2** they select and import **images** for their eBook
- **Session 3** they add **audio** commentary to their eBook
- **Session 4** they add written text to their eBook

- **Session 5** they add images from the Internet to their eBook
- **Session 6** they review and revise their work.

### Alternatives

The unit sessions give step-by-step guidance on using Book Creator on the iPad, but it is also available on Chromebooks or PC. However, this unit could also be carried out using presentation software such as Google Slides or Microsoft PowerPoint.

### Knowledge, skills and concepts

In this unit, the pupils will learn to:

- plan a small **multimedia eBook**
- choose and import **images**
- record **audio** commentary
- add and format titles and other text
- think carefully about protecting their privacy
- respect other people's copyright
- revise and improve their work.

### Progression

In Key Stage 1:

- Pupils develop their Internet search skills in **Unit 2.4: We are safe researchers.**

In Key Stage 2:

- Pupils develop skills in creating multimedia content in **Unit 3.4: We are who we are.**

### Assessment – by the end of the unit:

**All pupils can:**

- decide on content to include in their **eBook**
- add titles to the pages of their eBook
- add **images** to their eBook
- record **audio** commentary for their eBook
- copy images from elsewhere for their eBook
- change the colour or font for text.

**Most pupils can:**

- take account of their intended audience when deciding what to include in their eBook
- add well-chosen, high quality images to their eBook
- record and re-record high quality audio commentary for their eBook
- add text to the pages of their eBook

- explain what they would do if they saw inappropriate images when searching
- reposition page elements.

**Some pupils can:**

- think about how to protect their privacy in choosing content for their eBook
- explain how their choice of images respects theirs and others' privacy
- show they have thought about their intended audience in recorded commentary
- edit titles and other text to correct mistakes
- understand that online images belong to others and should not be copied without permission
- show some appreciation of effective design and layout.

## Background information

- **Multimedia** is the presentation of information as words and pictures. As digital media, it can include spoken text, video and interactive elements.
- Digital media such as **eBooks** can be distributed very easily via email or by uploading to a website. This makes it a powerful medium to communicate ideas, but raises issues over privacy and loss of control over the distribution of information.
- Creators of digital content, including your pupils, should think carefully about the intended audience for their work and the difference that this makes to what is appropriate to show or say.
- The unit also introduces pupils to:
  - **speech synthesis**, where written text is spoken aloud by the computer using programmed knowledge of how graphemes and phonemes correspond
  - **speech recognition**, where the spoken word is converted into written text.

## Key vocabulary

**Audio:** sound, such as spoken narration

**Clip art:** simple, stock images used as illustrations

**Creative Commons:** licence scheme which permits certain types of reuse for original work, without the need for further permission

**eBook:** an electronic book

**Filter:** the means by which Internet access to sensitive or inappropriate material is prevented

**Font:** the particular design of letters in text

**Images:** pictures, such as drawings or photographs

**Multimedia:** presentation of material as words (written or spoken) and pictures (still or moving)

**Safe search:** filter applied by Google or other search providers to remove sensitive or inappropriate results from searches

**Speech synthesis:** text spoken aloud by the computer

**Voice dictation:** speech recognition available on the iPad keyboard, allowing the user to talk to the iPad and have their spoken words transcribed as written text

## Differentiation

Pupils should be able to complete the task at their own level, with some adding more detail than others. See each session (pages 43–48) for additional ways to increase support and add challenge to this unit.

Pupils should be able to complete the task at their own level, with some pupils adding much more detail to their content than others.

There is opportunity to extend higher attaining pupils by asking them to pay attention to detail in design and content. Some pupils can think and talk about the privacy and intellectual property ideas that are introduced in this unit.

Some pupils will benefit from additional support in developing their ideas and getting them onto the screen, perhaps working with teaching assistants, older pupils or peers for some of the more challenging steps here. The iPad **voice dictation** tool can be explored to save some of the typing.

## Cross-curricular opportunities

**All subjects:** Pupils' **eBooks** need not be about themselves. Pupils could produce eBooks about the topics they study elsewhere in the curriculum.

**Art and design:** Pupils should think about effective visual communication when choosing images to illustrate their eBooks. Book Creator allows them to add hand-drawn illustrations.

**English:** There is much scope here for cross-curricular learning, with attention to pupils' spoken and

written language in the text they use in their eBooks. The use of **speech synthesis** and (optionally) speech recognition in the unit provides an opportunity for pupils to think about how computers make use of the principles of phonics.

**PSHE:** The unit provides a good opportunity to emphasise pupils' sense of achievement and the full range of their talents and interests. The online safety elements of the unit should be reinforced.

# Preparing for teaching the unit



## Things to do

- Check you have access to Book Creator on the iPad (see *Alternatives* on page 40).
- Read pages 40–41 to get an overview of the unit.
- Read the steps in the unit sessions (pages 43–48) and look at the associated online resources, printing out the worksheets as required.
- Decide on the intended audience and purpose of the **eBook**. Typically, this will be intended for pupils' parents/carers. Much more care is needed if you intend a wider audience.
- Work through the unit yourself, so you know what is expected of the pupils.
- Make a collection of photos of pupils available to the class – Google Photos makes this easy to manage if your school policies allow this.
- If pupils are going to share their work or save it online, make sure they have accounts set up, that necessary permissions have been obtained and are integrated with the iPads.



## Resources needed

- **Software:** Book Creator, access to a shared photo library, e.g. Google Photos
- **Hardware:** iPads, keyboards (optional, if pupils prefer to type)
- See *Alternatives* on page 40



## Online resources provided

### Session resources

- Worksheet 1.4a: Audio commentary planning sheet
- Worksheet 1.4b: Text planning sheet
- Worksheet 1.4c: End-of-unit quiz
- Worksheet 1.4d: Pupil self-assessment
- Teaching slides 1.4a–1.4f
- Walkthrough videos 1.4a–1.4f
- Interactive end-of-unit quiz 1.4



## Online safety

- Pupils think about how to keep personal information private, recognising that the extent to which they need to protect their privacy is determined by the audience to which they are exposed. If pupils are producing individual eBooks for their own parents/carers, they might choose to share much more than if the school intended to publish the eBooks online.

- In preparing their eBooks, pupils could make use of the school's photo collection – this provides a good opportunity to think about what **images** the school collects and their use. It is worth discussing with pupils how they feel about photos being taken of them or their work.
- In Session 5, pupils could search the web for additional images.
  - You should make sure that appropriate **filters** and safeguards are in place and use suitable search engines such as Google Images with **safe search** and Pixabay. If pupils encounter inappropriate content, they should turn off their screen or turn over their tablet, and alert an adult.
  - You could discuss issues around copying images without permission – direct pupils to **Creative Commons** licences or public domain images.



## Collaboration

- With a different context, such as producing class fact files about curriculum topics, pupils could take a more collaborative, group-based approach. Similarly, the idea of celebrating interests and achievements could be adapted to a whole class project.
- Pupils can create books using Apple Pages and collaborate if they have different Apple IDs.
- The online subscription accounts for Book Creator for Chromebook or Cloud-based software such as G Suite for Education or Microsoft 365 also aids collaboration.



## Useful links

### Software and tools

- Book Creator: [www.bookcreator.com](http://www.bookcreator.com)
- Google Photos: [www.google.com/photos](http://www.google.com/photos)
- Pixabay: [www.pixabay.com](http://www.pixabay.com)

### Online tutorials

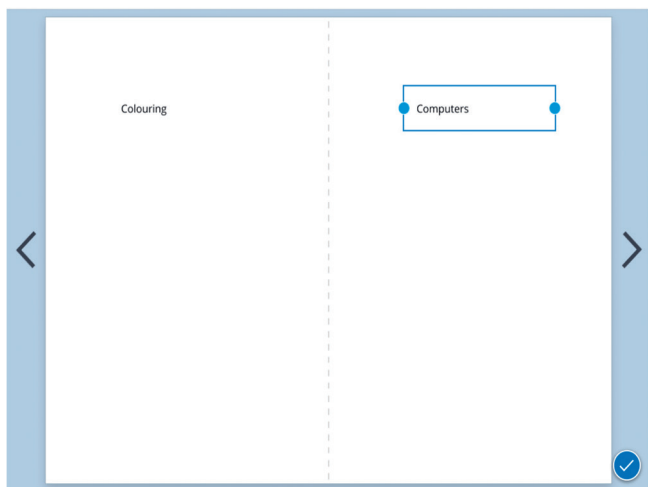
- Book Creator: [www.bookcreator.com/resources-for-teachers/webinars](http://www.bookcreator.com/resources-for-teachers/webinars)
- Google Photos: [www.support.google.com/photos/answer/6220402?co=GENIE.Platform%3DDesktop&hl=en](http://www.support.google.com/photos/answer/6220402?co=GENIE.Platform%3DDesktop&hl=en)

### Information and ideas

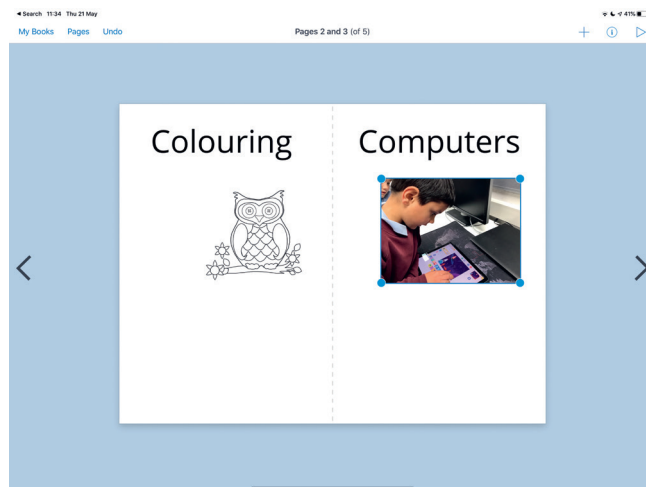
- Book Creator curriculum resources: [www.bookcreator.com/resources-for-teachers](http://www.bookcreator.com/resources-for-teachers)
- Using Google Photos in school: [www.eduk8.me/2016/05/use-google-photos-for-managing-your-classroom-photos](http://www.eduk8.me/2016/05/use-google-photos-for-managing-your-classroom-photos)

# Unit outcomes

Below are some examples of the outcomes you could expect from this unit.



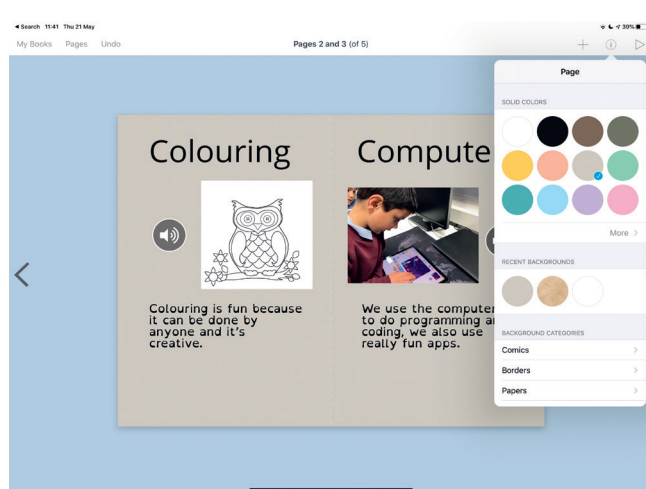
Session 1: Adding titles to their eBooks



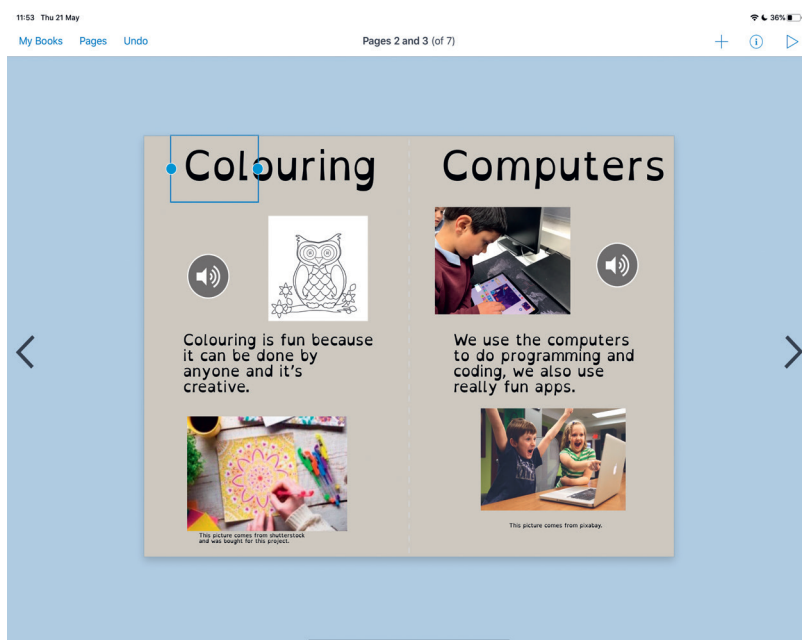
Session 2: Adding images to their eBooks



Session 3: Recording commentaries



Session 4: Adding text and formatting



Sessions 5 and 6: Adding more images and finalising