



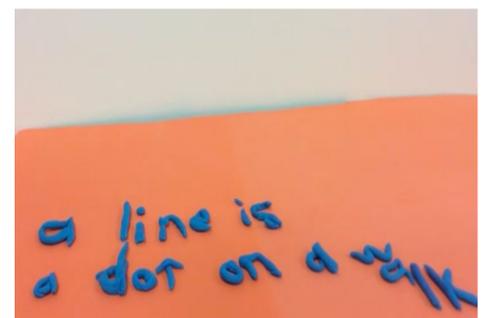
Poetry in Action

WHAT: Stop motion animation is where you take many photos of objects or characters and string them together into a movie. Each time you take a picture, you'll move the character or object just a tiny amount. The onion skin feature helps you line up your shots to create a smooth animation. The voice recording feature even lets you narrate the story once you're done filming. The app we use is called "Stop Motion Studio" (the free version.)

YOUR CHALLENGE: Bring a poem to life through stop motion.

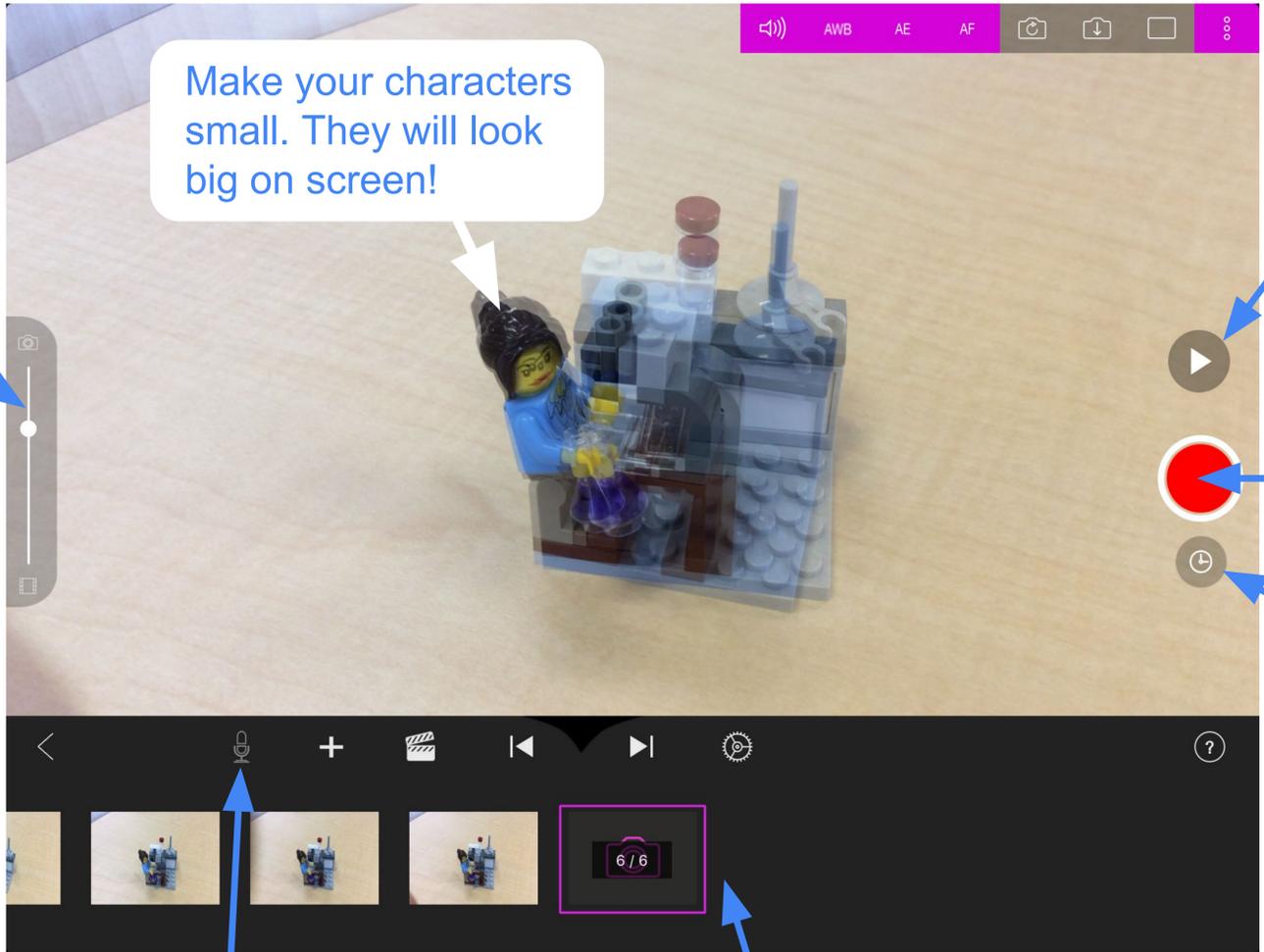
CAN YOU:

- Take advantage of the **text structure**?
- Bring new meaning to the author's use of **descriptive language** and word choice by using **representative imagery**?
- Take at least 75 - 100 photos to help make the animation flow organically?
- Add a voice narration and sound effects with attention to **rate** and **expression** of your reading?





Stop Motion Studio Pro Tips



Onion skin feature allows you to view hint of previous image (frame).

Make your characters small. They will look big on screen!

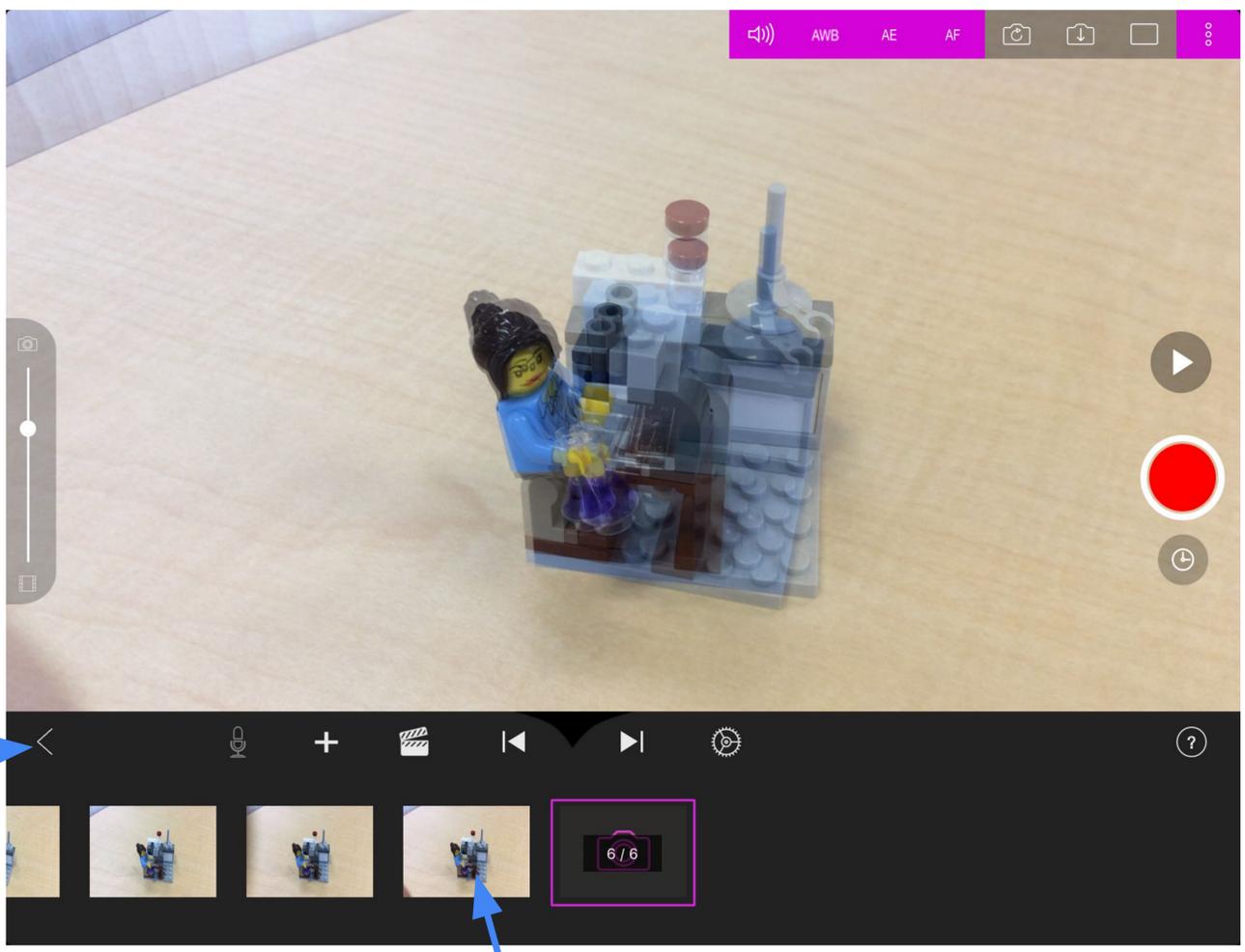
Playback

Camera button

Adjust frames per second: the higher the number, the faster your movie will be.

Record audio/narration. Will give a 3 second countdown.

Timeline: shows all of your images (frames) taken.



Go back to projects start page to export your video

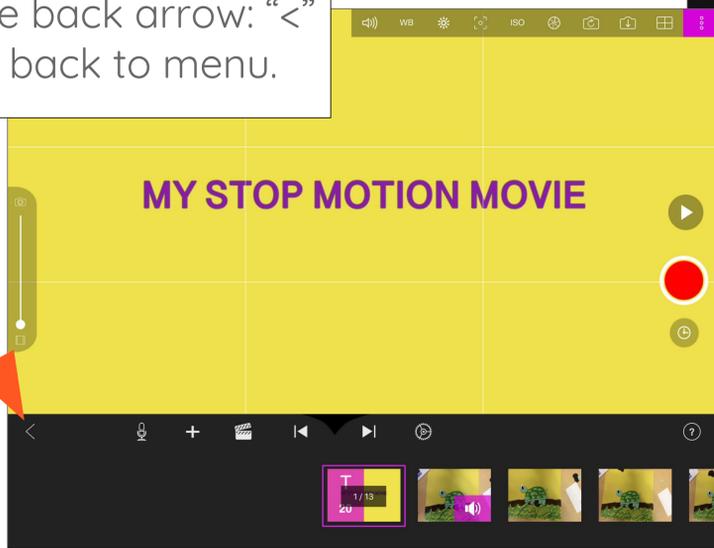
Holding your finger down on a frame reveals a variety of tools, including delete one frame.



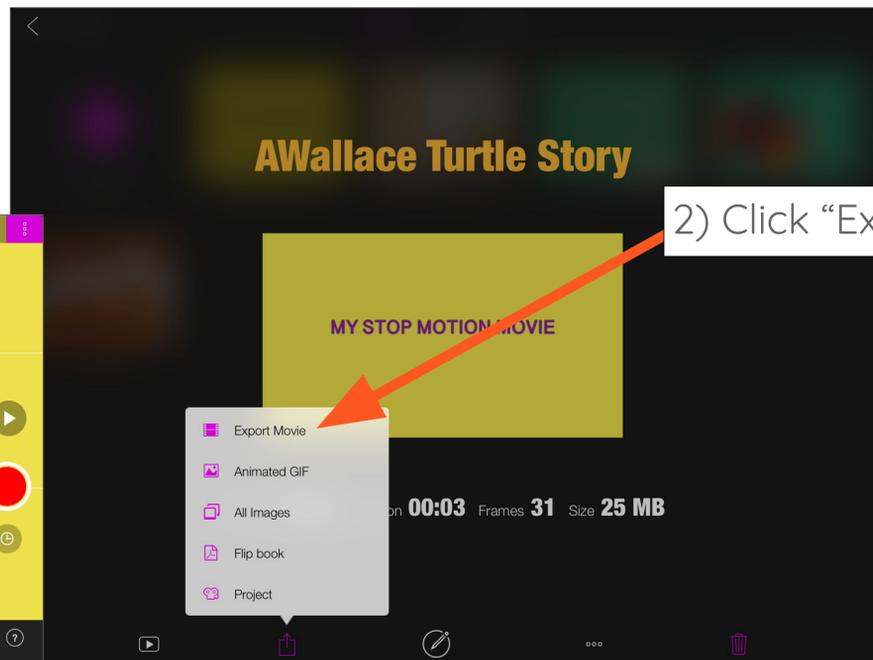
Stop Motion Studio Exporting

Exporting a video to camera roll:

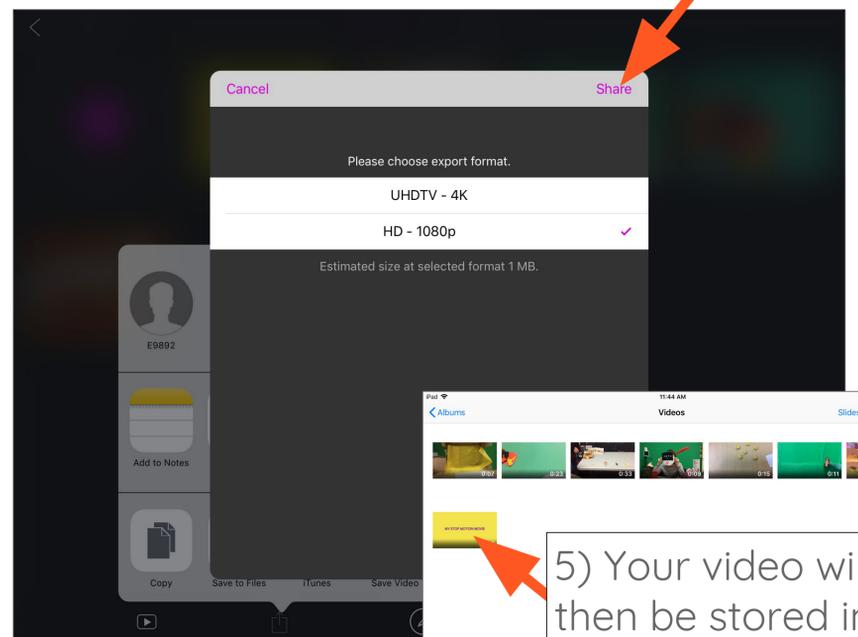
1) Click the back arrow: "<" to go back to menu.



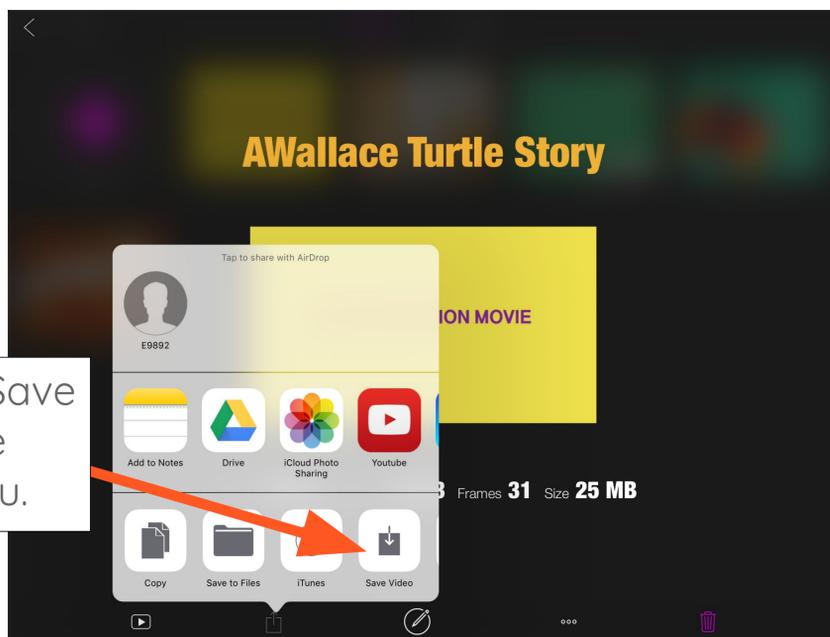
2) Click "Export Movie"



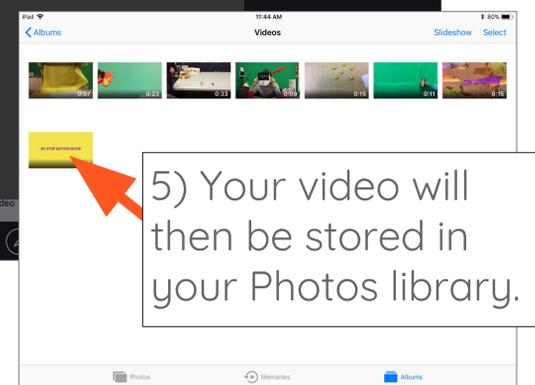
4) Then choose "HD-1080p" and "Share."



3) Choose "Save Video" in the pop up menu.

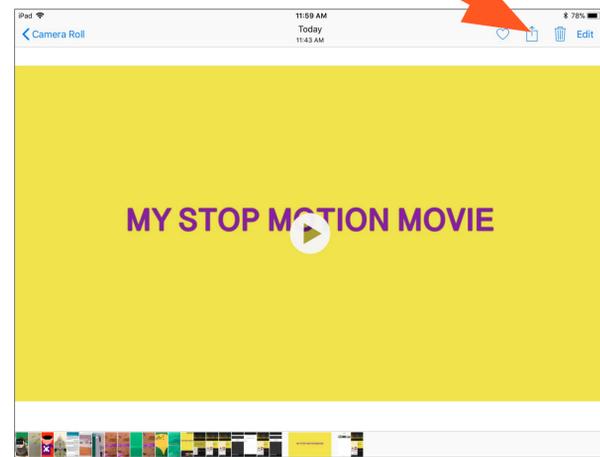


5) Your video will then be stored in your Photos library.

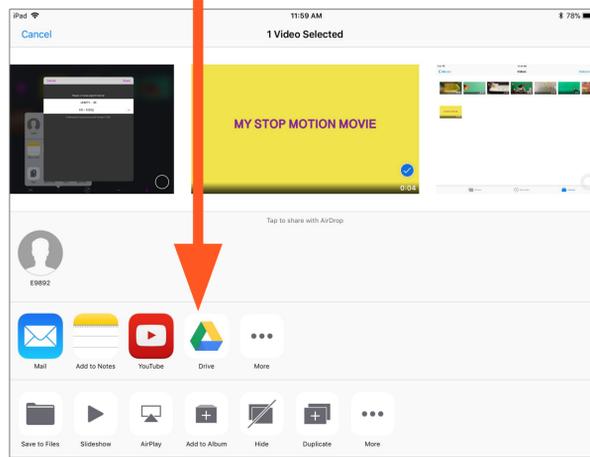


Uploading a video from camera roll to Google Drive:

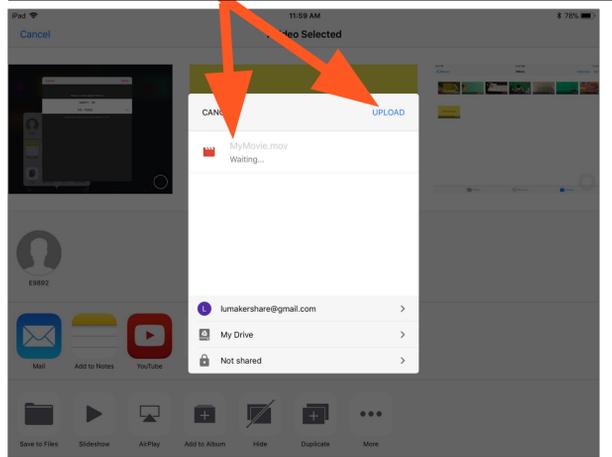
1) Click share icon.



2) Click Google Drive icon.



3) Rename movie & click upload.





eBooks & eComics

WHAT: Book Creator is an iPad and Android app that lets you design and publish your own customized eBook.

YOUR CHALLENGE: Create an interactive eBook or comic strip based on the life of a historical figure (artist, scientist, author, etc) or event.

CAN YOU:

- Use a storyboard to help **sequence** your thoughts and map the action?
- Create an engaging **dialogue**?
- Embed appropriate **descriptive language** and vocabulary?
- Insert photos or illustrations?
- Consider the elements of **graphic design** in your layout and choices: font, color, hierarchy, image cropping, size?
- Craft a compelling conclusion?
- Record audio for each piece of text?
- Add sound effects or music that support the **mood** of your story?
- Embed or link to websites that support the narrative or that cite your research.





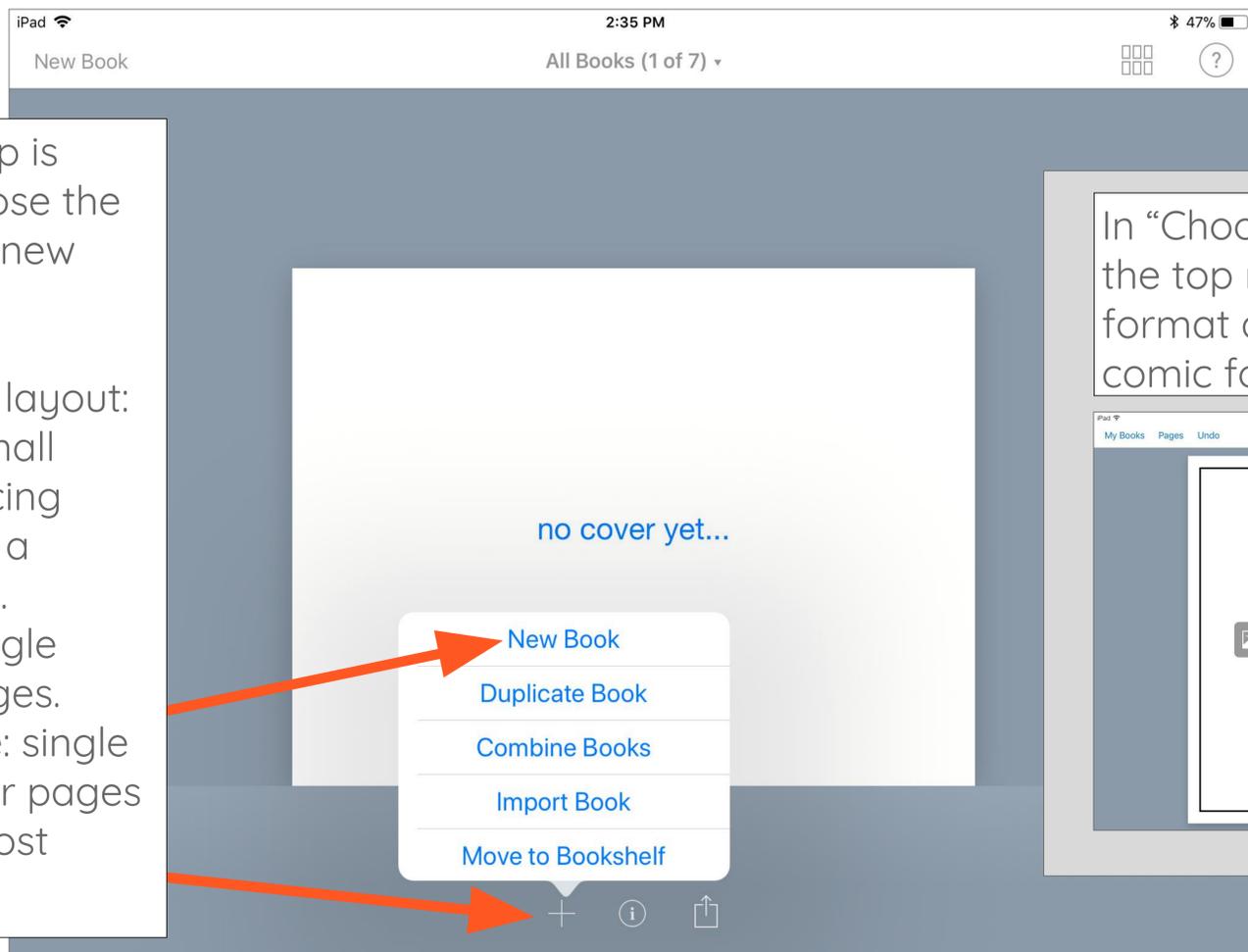
Book Creator: Creating an eBook

App landing page:

When the app is opened, choose the “+” to create new book.

Choose your layout:

- Portrait: small vertical facing pages, like a paperback.
- Square: single square pages.
- Landscape: single rectangular pages with the most room.



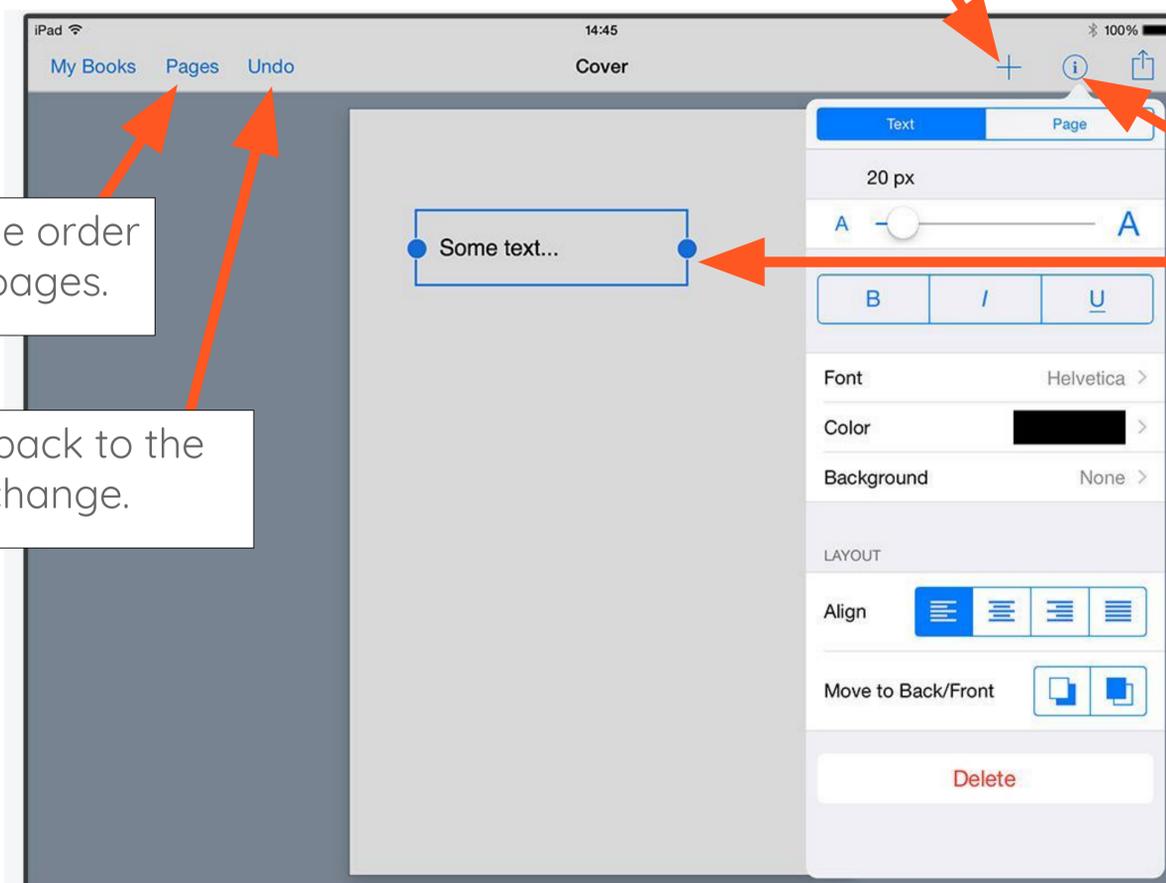
In “Choose a book shape”, the top row is a standard format and the bottom is a comic format.

Once inside a “standard” book:

Choose plus sign options to add: text, images/video, drawing.

Pages: edit page order and/or delete pages.

Undo: go back to the previous change.

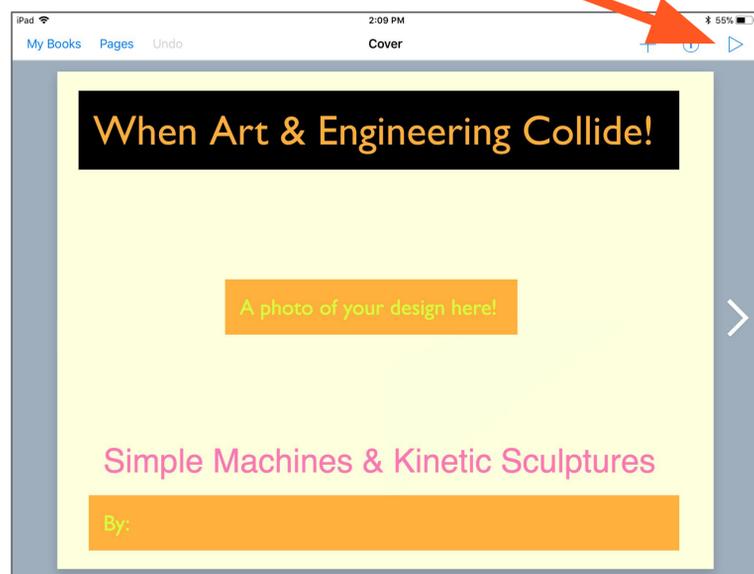


“i” symbol gives you many format options. For text options, make sure your text box is selected first. Or select Page to change page options (page color, etc.)

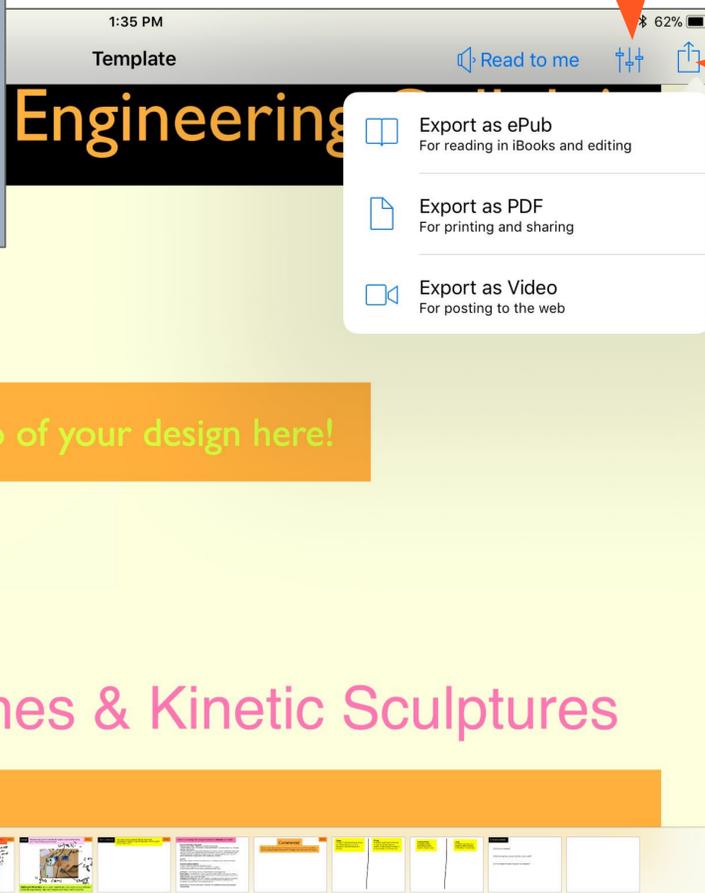


Book Creator: Exporting an eBook

Press the blue triangle to enter preview mode.



Customize the “Read to me” feature, or adjust your pages single or double facing.



Press the “share” button to export your eBook as an ePub, PDF, or video.

You may need to tinker with individual pages to customize how long each page is displayed.

Hint: A blank audio file can be hidden on a page to extend the amount of time that page is displayed in the exported video.

The preview mode lets you see what an exported eBook will look like. By flipping through the pages, you can make sure it's ready.

Exporting your eBook:

ePub:

- Share and store an .ePub file directly to Google Drive. Viewable only if you bring it back into Book Creator or another eBook app.
- Or, export ePub directly into iBooks to view it with all its features.
- Import an ePub into Book Creator from Google Drive: first login to Google Drive. Tap on ePub file, click on “...” icon and then choose “Open in” and then “Book Creator”.

PDF:

- Specify if you would like single pages or side by side pages.
- Choose Mail, Drive (Google Drive), or tap to share with AirDrop.

Video:

- Exports as a video file, and plays back similar to a slideshow, showing each page.
- Insert a blank audio file and hide it behind an image to make a page display longer (Example: if you have a lot of text you would like people to read.)

Novel Engineering*

WHAT: After reading one of the articles provided, you will have the opportunity to think like an engineer in order to solve a problem in the text. As an engineer, you will **ask** questions about the people or places and their problem, **imagine** a solution, **plan** and **design** a solution, and **test** it to see if it needs to **improve**.

YOUR CHALLENGE: Use recyclables and art materials to build a solution to the problem you identify. It could be a structure, communication system, product, etc. It could directly serve animals, the environment, or the humans who live in the environment.

CAN YOU:

- **Identify a problem** in the article? Find **evidence** of this problem in the article?
- **Design a solution** to solve this problem:
 - ◆ Validate your design and material choices.
- **Test** your solution to make sure it really works?
- **Modify** your design to make it better?
- **Share** your solution with your peers?



*“Novel Engineering”, developed by Tufts University, allows students to engage in a close reading of a text to identify a problem, find text-based evidence to support their ideas, and build/test their solutions using the iterative engineering process.

<http://www.novelengineering.org/>

