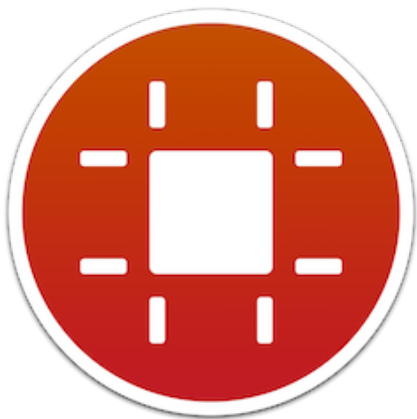# PDF Trim User Guide

Overview

PDF Trim is a utility for macOS 10.12+ that can be used to intuitively trim the edges of PDF pages. Additionally it provides tools for cutting out a mid-section of a page, or deleting an entire page. PDF Trim is especially useful for quickly editing PDF pages saved from web articles.

When PDF Trim launches, it displays the "**PDF Trim Tutorial**" PDF, ready for you to edit. You can practice using the tools on this PDF. At any point, you can reset the PDF to the original version, using the Help menu → "Show PDF Trim Tutorial PDF" command.

Follow the instructions on each page to quickly master PDF Trim.
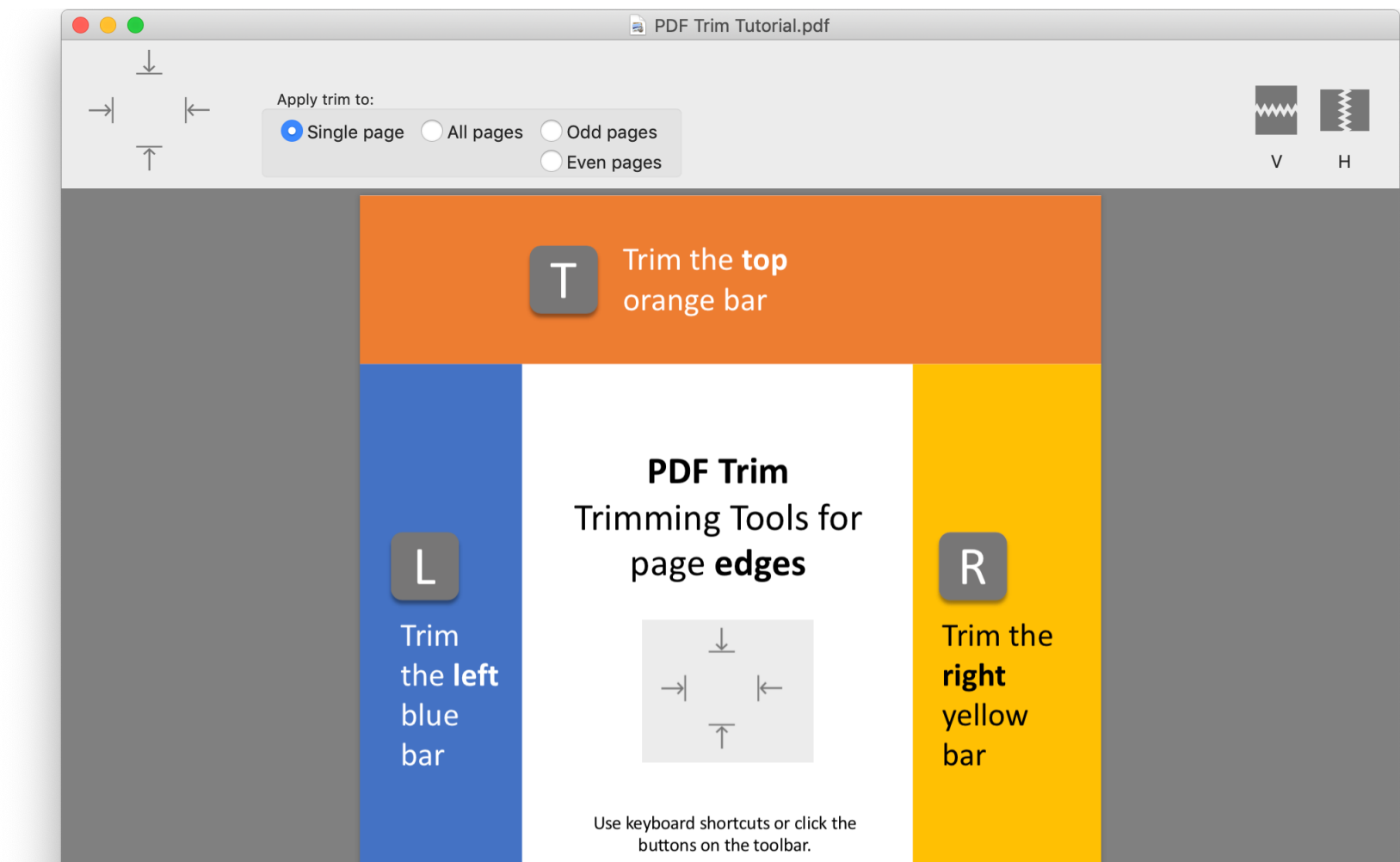
What's New in PDF Trim 1.1

- **Change perspective**: Use s shortcut to switch/toggle between single-page and single-page continuous views of the PDF page. Useful to keep perspective on the page.

- **Precision zoom**: When working on a single-page view, zoom in to the mouse position using the z shortcut key. The display automatically switches to the single-page continuous view.

- Scroll position on the page is restored after trim edits to **ensure visual continuity when editing long single-page PDFs** such as those produced by **EagleFiler** and **Paparazzi** apps.
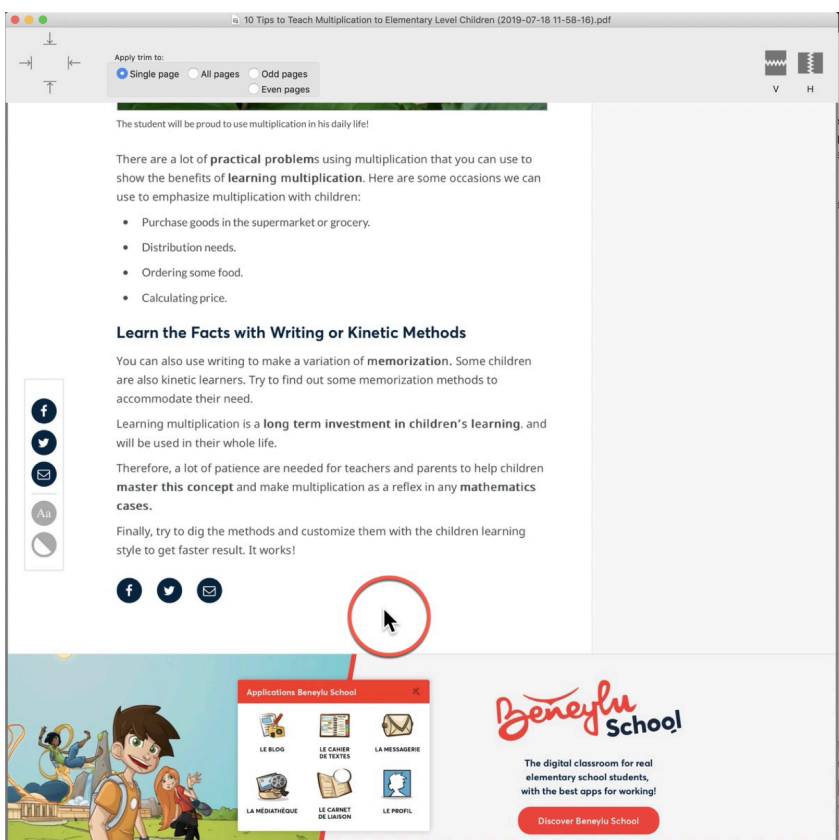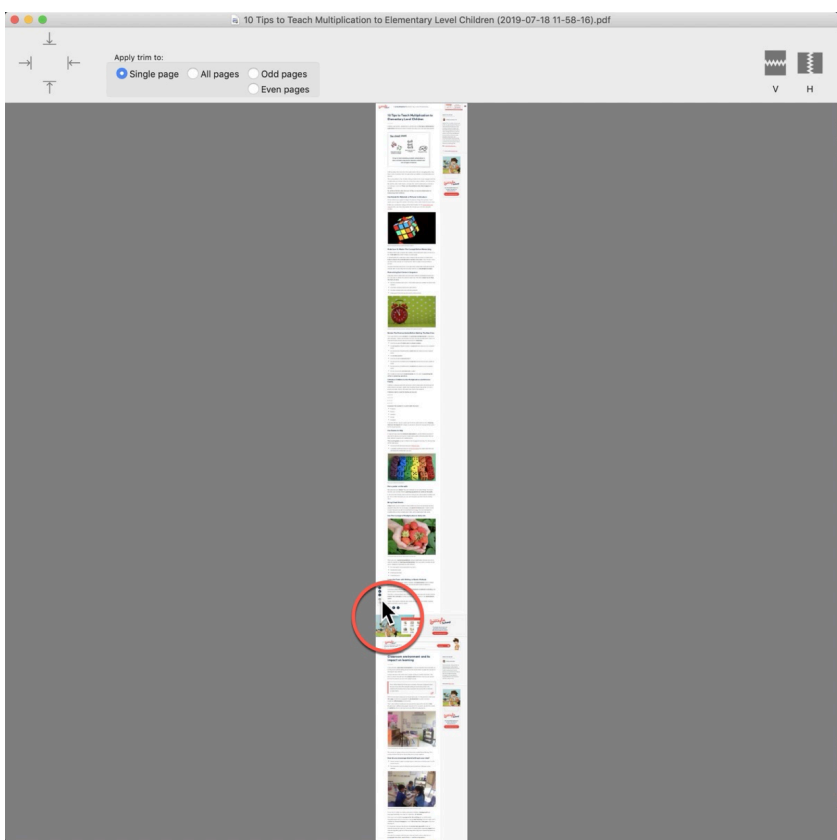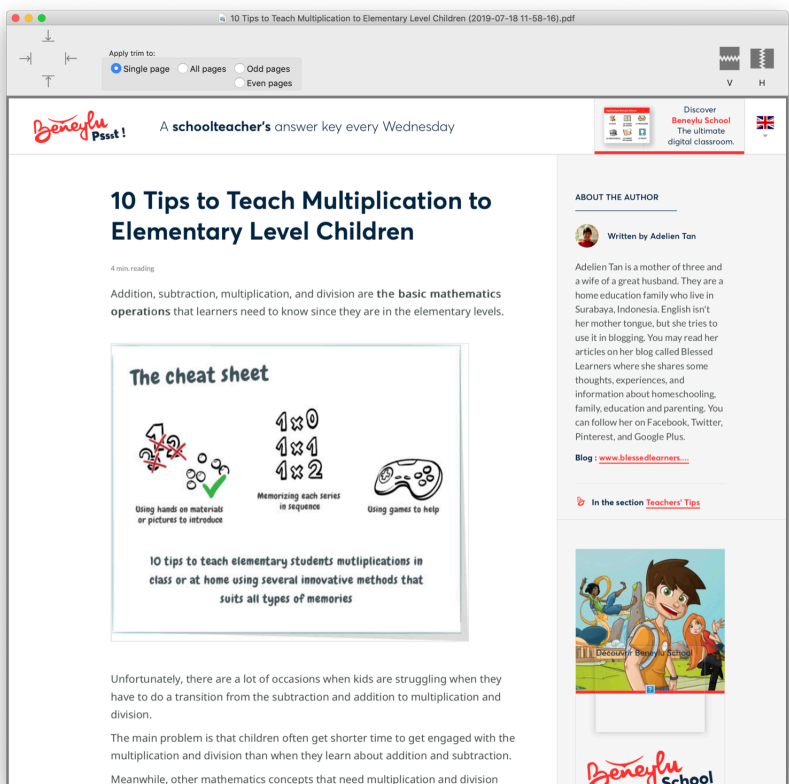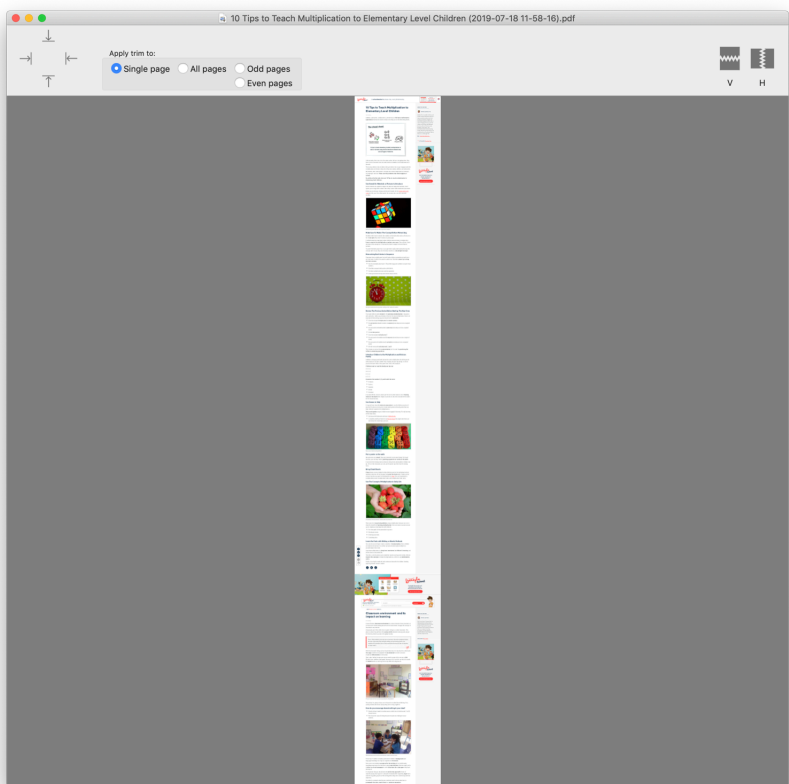
Trimming the Edges of a PDF

Use the arrow buttons at the top-left of the toolbar to select a trim tool. The keyboard shortcuts are T, L, R, B for the top edge, left edge, right edge, and bottom edge trim tools, respectively.
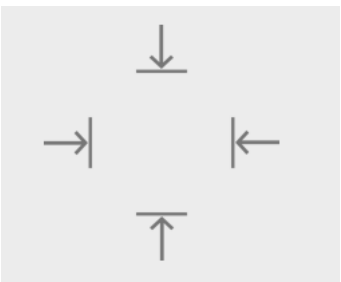
In the following figure, the top-edge trim tool (shortcut T) is active, shown with the red highlight on the button. When the tool is active, then **without** clicking, as you move the mouse, the area that will be trimmed out on the page is shown with a light red overlay. When you click, the trim will be applied to the page. To undo, use ⌘ Z.
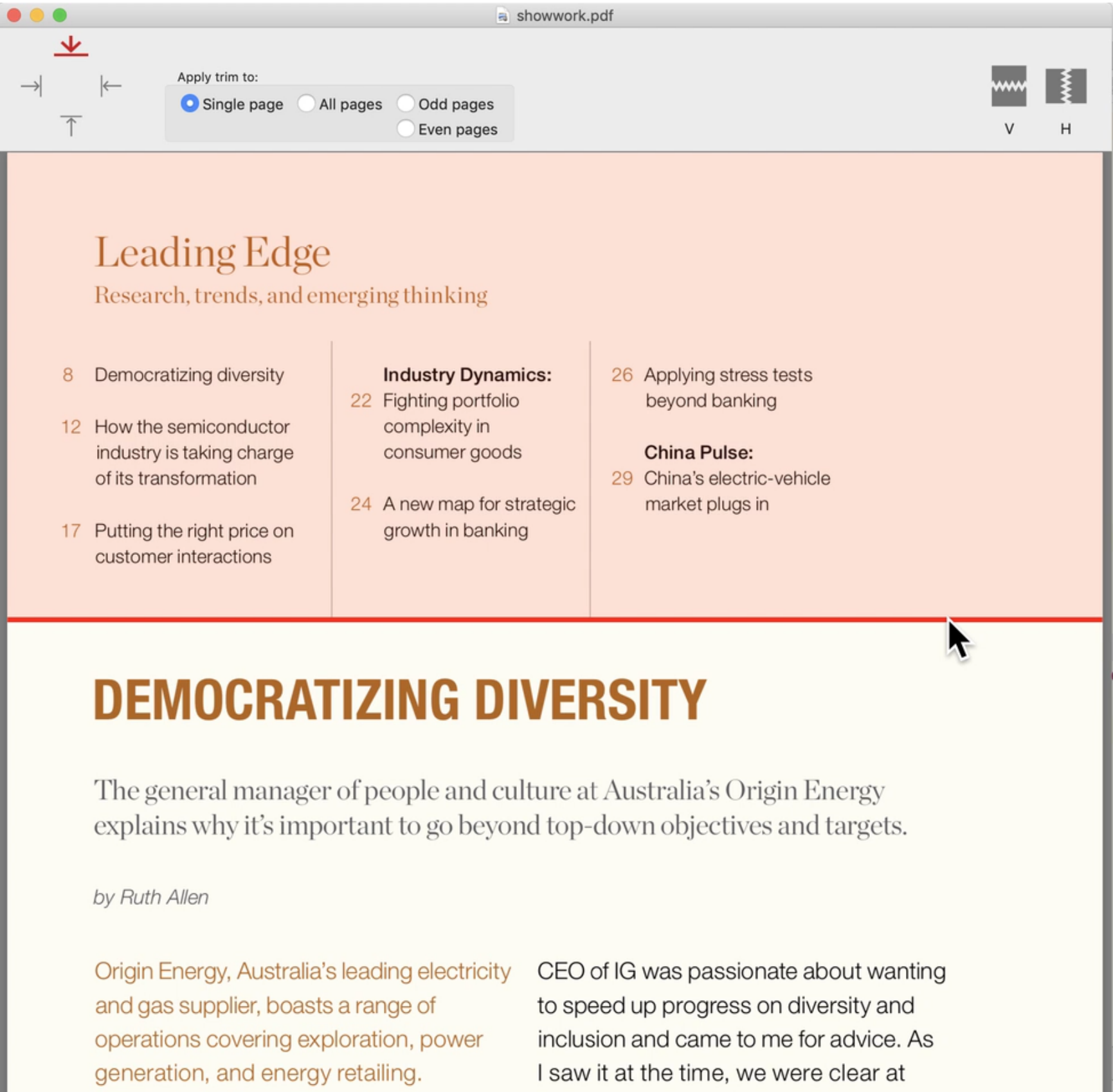
The other edge trim tools work the same way. In the following figure, showing the page after the top-edge trim was applied, shows that the right-edge trim tool (shortcut R) is now active. The red overlay follows as you move the mouse, and the trim takes effect when you click. Use the red line as a guide to apply the trim precisely.
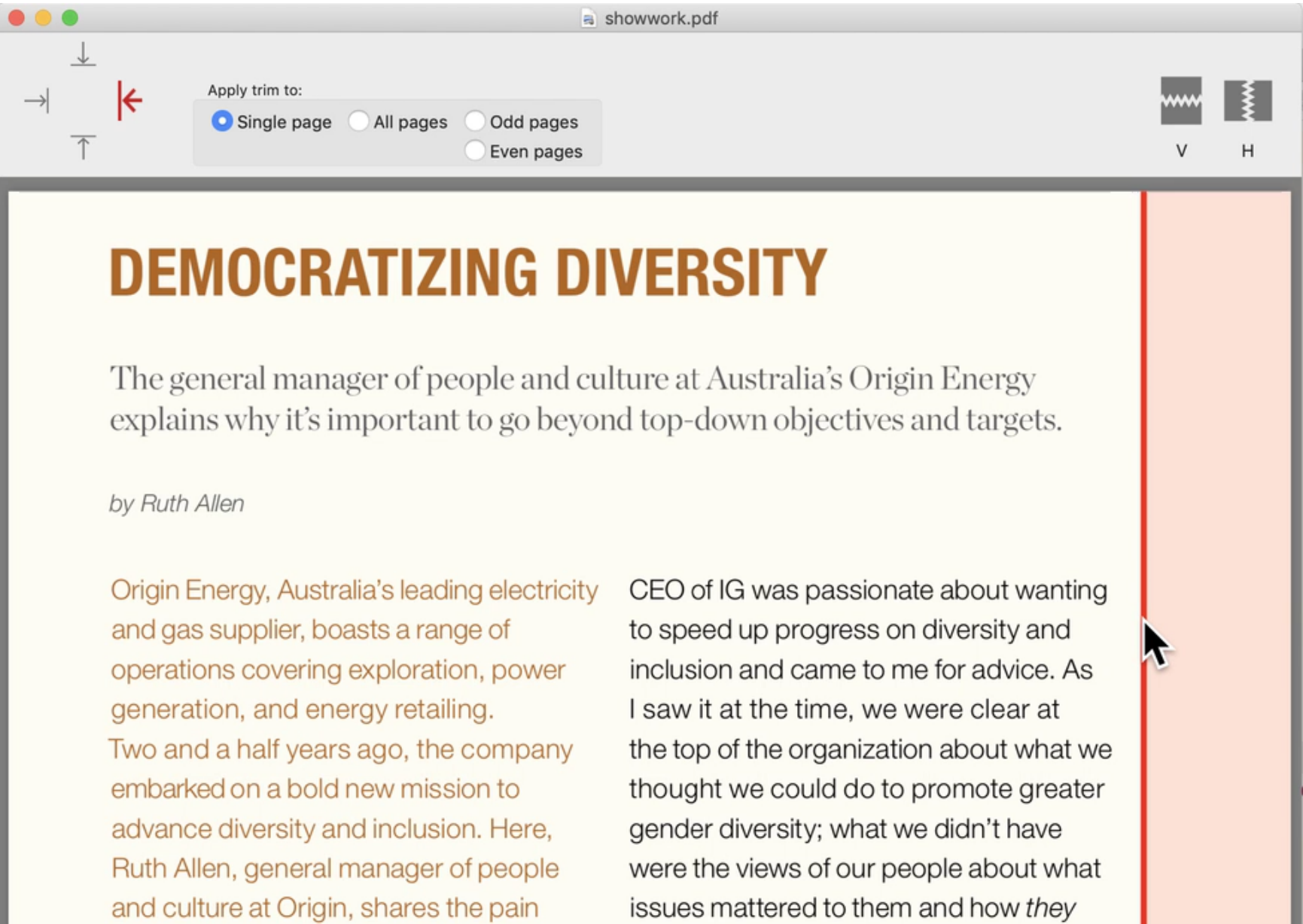
Trimming Multiple Pages

You can select whether the trim tools will apply only to a single page, to all pages, or specifically only to odd and even pages. The red overlay will accordingly be shown on multiple pages, as applicable.
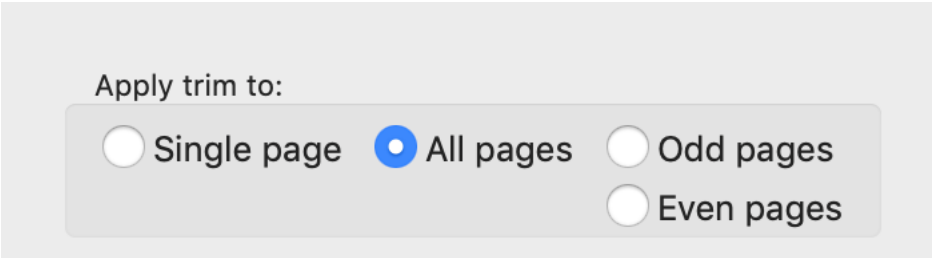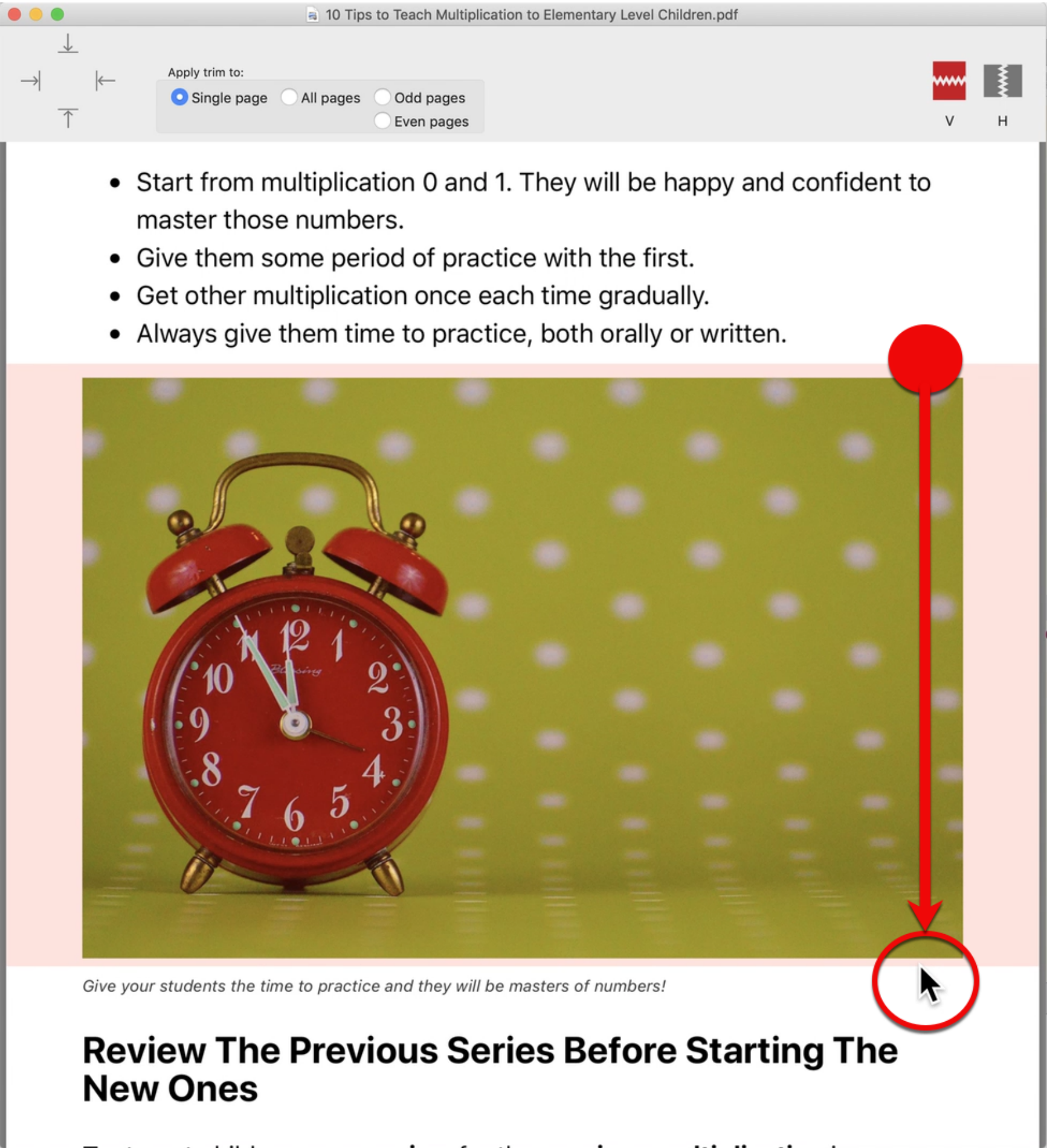

When applying a trim to multiple pages, it may take a while to complete. A progress indicator is shown while the trim is in progress, with the option to cancel. You can also undo the trim (⌘ Z) if you'd like to try again.
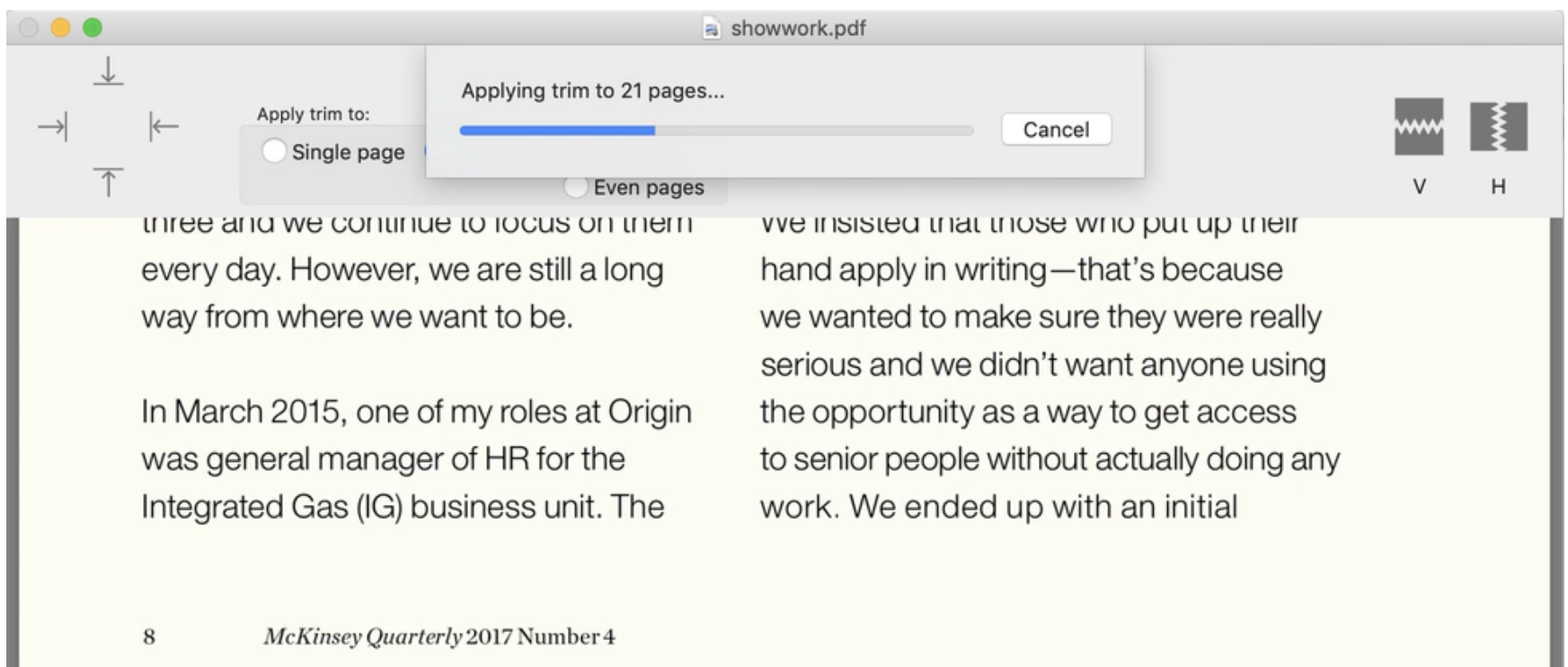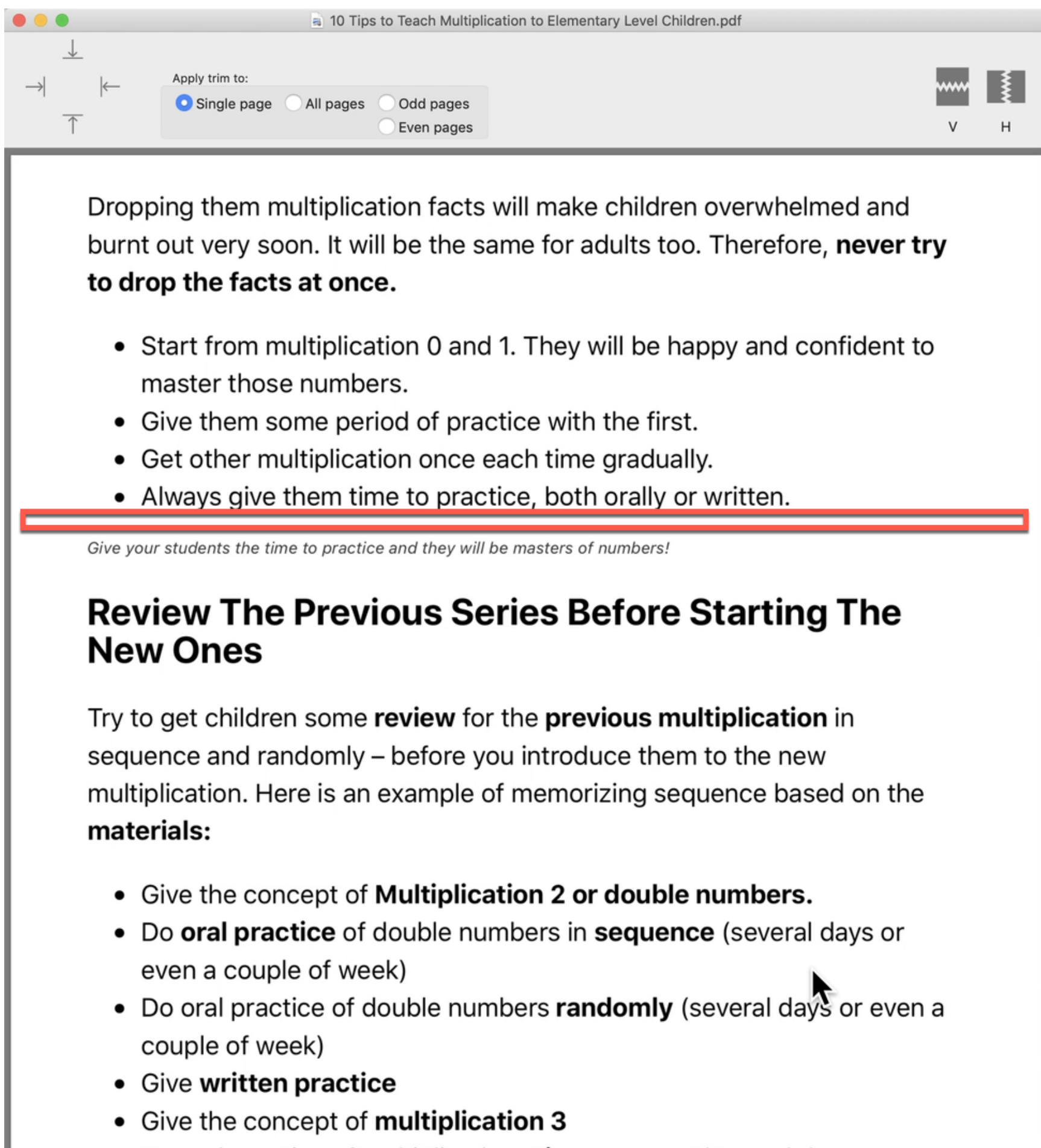
Cutting out a Mid Section of a PDF Page

To demonstrate where cutting out a middle section of the PDF page may be useful, consider the following article saved from the web as a PDF. This PDF was saved using the **Reader view in Safari**, which does an excellent job of cleaning out the page and emphasizing the content. However, this article is also littered with lots of images, which in this case, don't really add meaning to the content. To get rid of this image, we can use the vertical mid-cut tool (shortcut V).

To use the tool, first click on where you want the cut to start, and then as you move the mouse, the red overlay will indicate the part that will be cut out. In the figure below, the bright red annotations show where the first click was placed, and how the mouse was moved vertically down.

Apply trim to:
○ Single page   ○ All pages   ○ Odd pages
                              ○ Even pages

V   H

- Start from multiplication 0 and 1. They will be happy and confident to master those numbers.
- Give them some period of practice with the first.
- Get other multiplication once each time gradually.
- Always give them time to practice, both orally or written.

Give your students the time to practice and they will be masters of numbers!

Review The Previous Series Before Starting The New Ones

When the mid cut is applied, the PDF page is shortened accordingly.

Apply trim to:
○ Single page   ○ All pages   ○ Odd pages
○ Even pages

V   H

Dropping them multiplication facts will make children overwhelmed and burnt out very soon. It will be the same for adults too. Therefore, **never try to drop the facts at once.**

- Start from multiplication 0 and 1. They will be happy and confident to master those numbers.
- Give them some period of practice with the first.
- Get other multiplication once each time gradually.
- Always give them time to practice, both orally or written.

Give your students the time to practice and they will be masters of numbers!

Review The Previous Series Before Starting The New Ones

Try to get children some **review** for the **previous multiplication** in sequence and randomly – before you introduce them to the new multiplication. Here is an example of memorizing sequence based on the **materials:**

- Give the concept of **Multiplication 2 or double numbers.**
- Do **oral practice** of double numbers in **sequence** (several days or even a couple of week)
- Do oral practice of double numbers **randomly** (several days or even a couple of week)
- Give **written practice**
- Give the concept of **multiplication 3**

The vertical mid-cut tool (V) and the horizontal mid-cut tool (H) are only applied to a single page.

Delete a Whole Page

Usually when printing web articles to PDF, the last page may be blank or it may contain irrelevant information. In PDF Trim, you can delete a page easily.

Hold down the Option key to reveal a red X on the top right of the current page. Click the X to delete the page.
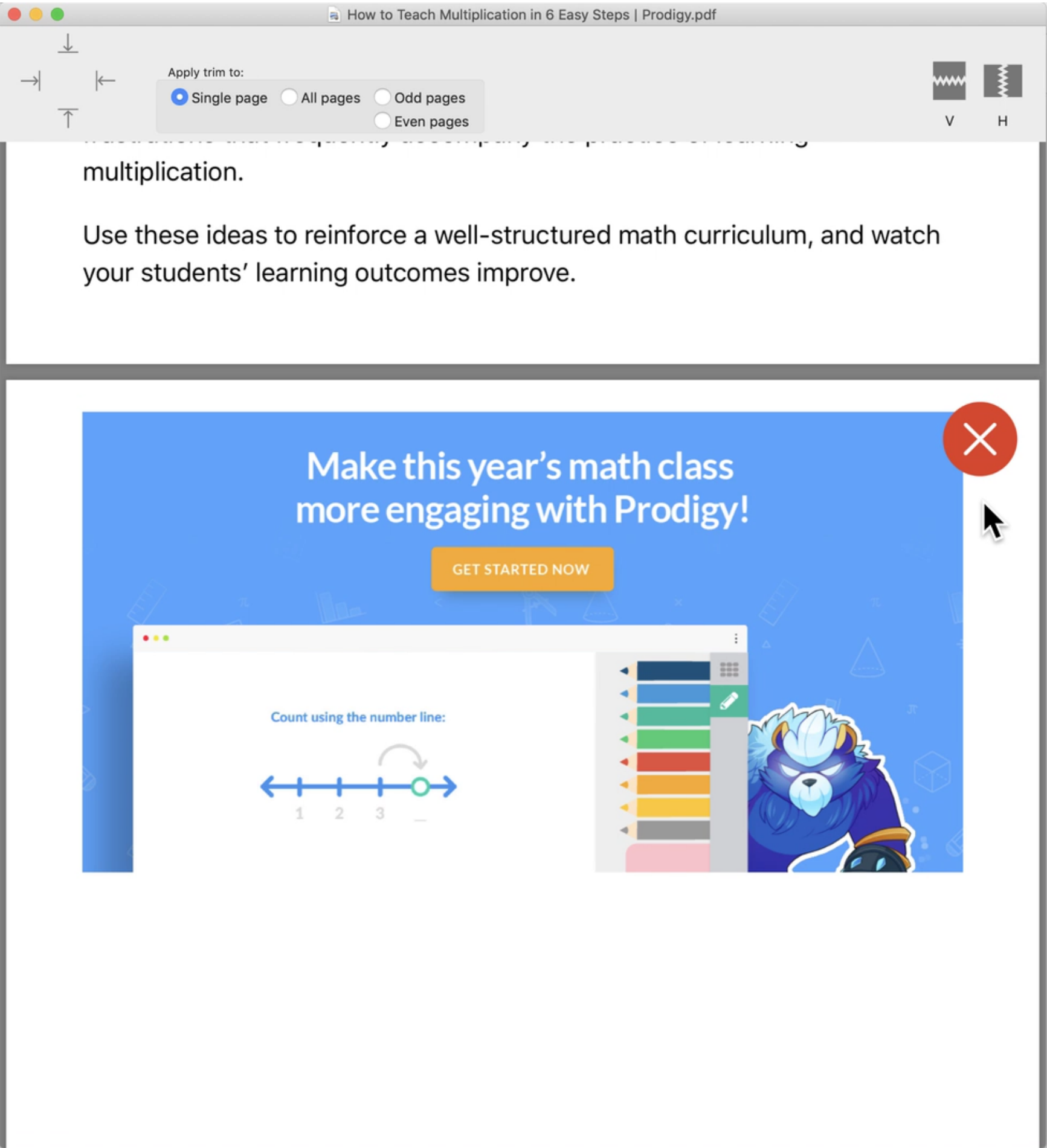
PDF Trim in Action

PDF Trim has been designed for trimming PDF pages easily. I use it extensively for cleaning up web articles captured as PDFs.

Print to PDF Trim from Safari or Google Chrome

You can print directly from Safari to PDF Trim using the File → Print... dialog. In the PDF drop-down menu, choose the "Edit Menu..." command at the bottom to point to the PDF Trim app in your Applications folder.
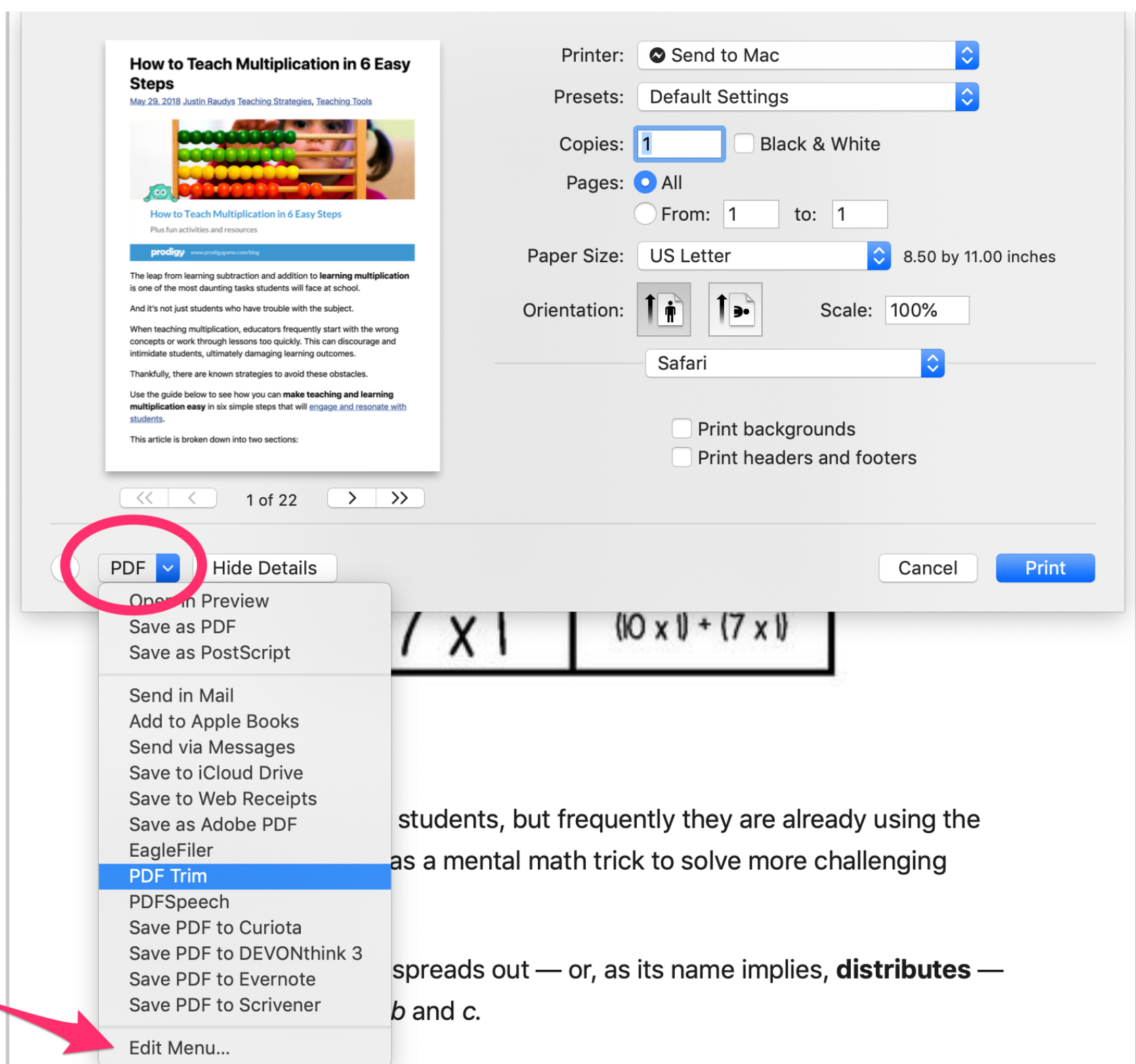
Capture Web Pages as PDFs to EagleFiler with one key

EagleFiler is an excellent "database" application for managing your documents, especially PDFs. You can capture a web page into EagleFiler directly from Safari using the handy F1 shortcut. Unlike printing to a PDF from Safari, EagleFiler automates the capture, and you can instead concentrate on clipping all relevant articles in one go.

EagleFiler

Organize files, archive mail

C-Command Software, LLC

OPEN   •••

4.6 ★★★★⯪
5 Ratings

17+
Age

What's New

Version History

- EagleFiler now requires macOS 10.9 or later.
- When dragging in an attached file from a rich text view (e.g. OmniFocus or TextEdit), EagleFiler now imports the fil... more

2w ago

Version 1.8.8

Preview
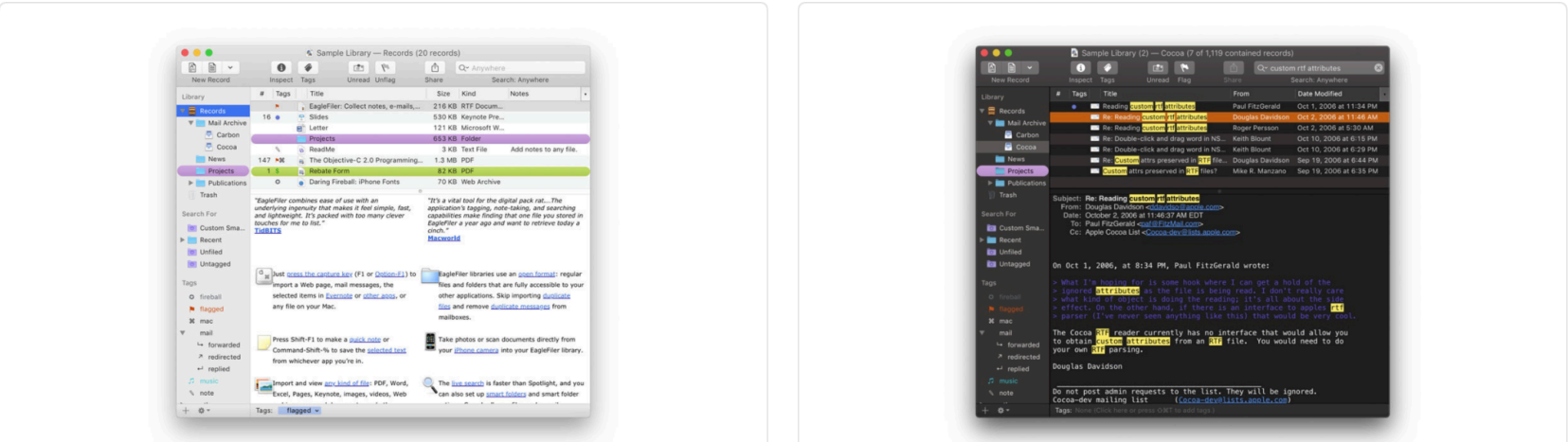
EagleFiler has a novel feature where it can capture the entire web page contents as a single-page PDF. Enable this as the default capture mode in EagleFiler Preferences.
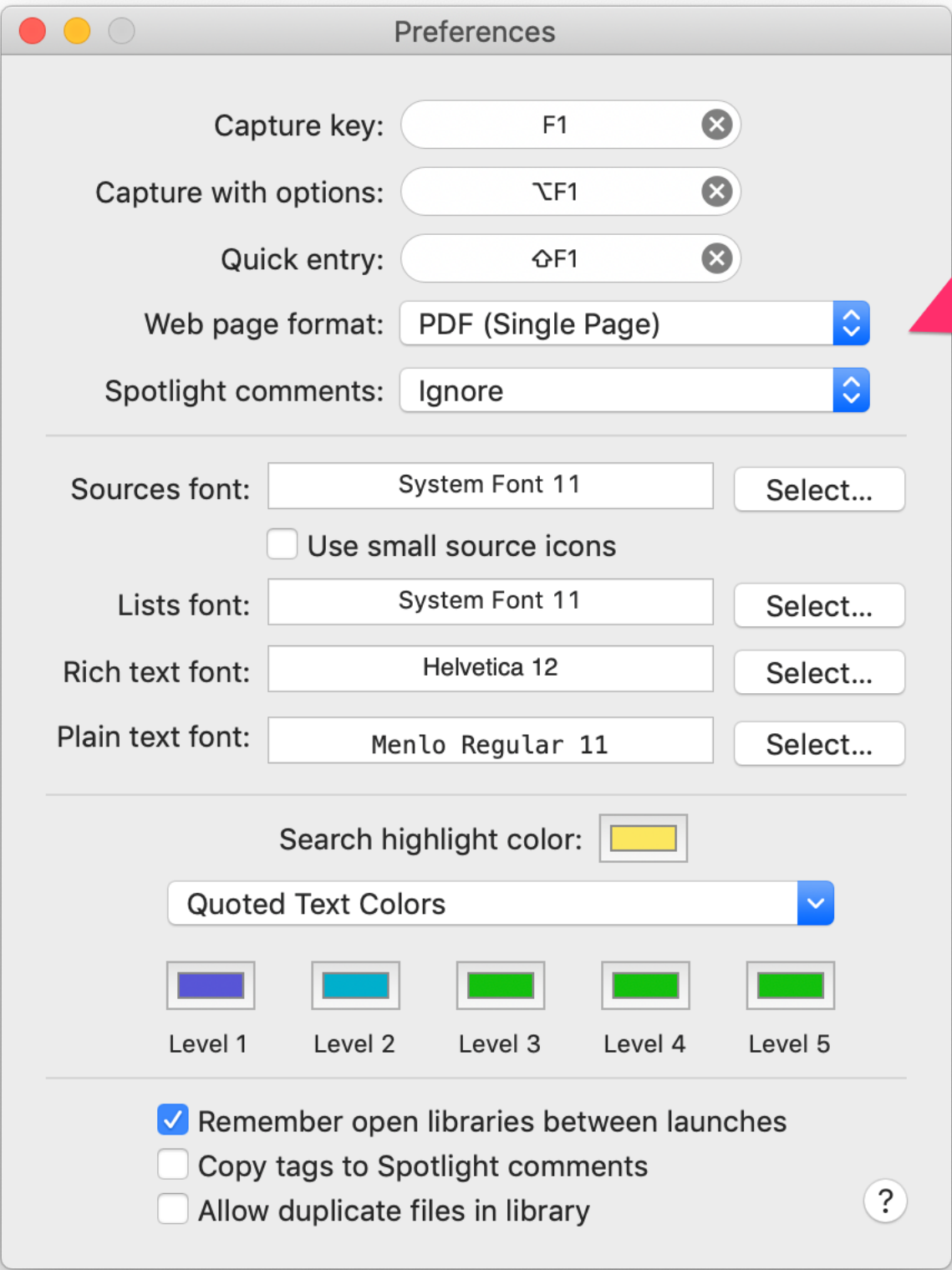
The following figure shows such a web capture. The useful content is towards the left-center of the page, and the rest of it is extraneous. PDF Trim can help to edit such captures quickly using the edge trim tools.

Multiplication Concept
Multiplication & Addition

This is a complete lesson for third grade with teaching and exercises about the **basic concept of multiplication**, and about the connection between multiplication and addition. Multiplication is defined as meaning that you have a certain number of groups of the same size. Then, it can be solved by repeated addition. Students fill in the missing parts in multiplication and addition sentences to match the given visual models (pictures). They also draw pictures to match given multiplications.

The symbol × indicates multiplication. Multiplication means that you have a certain number of groups of the same size.

Here we have **five** groups, and each group has **two** elephants.

$$5 \times 2 = 10$$

How many groups	How many in each group	We can solve it by adding:
5	× 2	$2 + 2 + 2 + 2 + 2$ = 10

"Five times two elephants is ten elephants."

Here there are **three** groups, and each group has four dogs.

$$3 \times 4 = 12$$

How many groups	how many in each group	We can solve it by adding
3	× 4	$4 + 4 + 4 = 12$

"Three times four dogs is twelve dogs."

1. Draw dots in groups to match the multiplications.

a. 2 × 6   b. 4 × 2

2. Fill in the missing parts.

3. Write an addition and a multiplication sentence for each picture.

4. Now it is your turn to draw. Draw balls or sticks. Write the multiplication sentence.

a. Draw 3 groups of seven sticks.   b. Draw 2 groups of eight balls.

c. Draw 4 groups of four balls.   d. Draw 5 groups of two balls.

5. Draw groups to solve the multiplications.

a. 5 × 4 = _____   b. 4 × 6 = _____

6. These problems have to do with groups. Write a multiplication. Drawing can help.

a. How many legs do five cows have?   b. How many wheels do six bicycles have?

c. How many sticks are in three groups of five sticks?   d. One bunch of grapes has 11 grapes. How many grapes are in three such bunches?

Math Mammoth Multiplication 1

A self-teaching worktext for 3rd grade that covers multiplication concept from various angles, word problems, a guide for structural drilling, and a complete study of all 12 multiplication tables.

Download ($5.20). Also available as a printed copy.

➡ Learn more and see the free samples!
See more topical Math Mammoth books

Math Lessons menu

Place Value	Add & subtract lessons	Multiplication
Division	Fraction Lessons	Geometry Lessons
Decimals Lessons	Percents Lessons	Clock

In EagleFiler, to open the captured PDF in PDF Trim, select the PDF in the database, then from the right-click menu, choose Open With → ... and from the list of applications, select PDF Trim. Or, you can make it easier by making PDF Trim the default application to open PDF files, while you work on editing several of the captured PDFs in PDF Trim.

To make PDF Trim the **default application for opening PDF files**, select any PDF in Finder, then use the shortcut ⌘ I to open the Inspector panel. In the "Open with:" section, select PDF Trim from the drop-down list, and click the "Change All..." button.
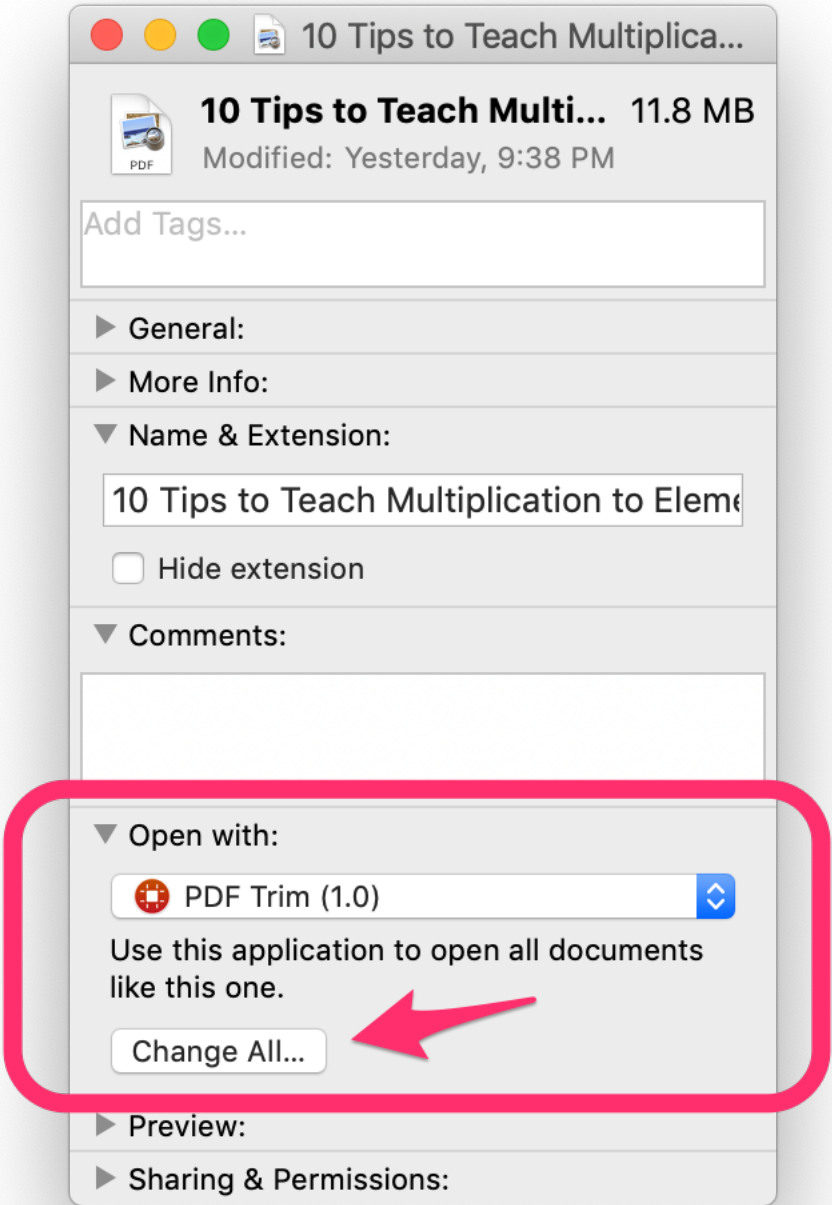
To revert to **Preview** as your default PDF editor, follow the same steps as above, and select "Preview" in the "Open with:" section.

Make Exact Copy of a Web Page as a single-page PDF using Papparazzi

Both Safari and EagleFiler can fail when trying to capture certain web pages, if the pages contain unusual page structures or excessive popups. [Paparazzi](#) is an excellent free macOS utility to capture a web page as-is, as a single-page PDF.

Paparazzi! 1.0b10

Paparazzi! is a small utility for macOS that makes screenshots of webpages.

Paparazzi! 1.0 requires macOS 10.9 or later (current version: 1.0b10).

Older versions are available on the downloads page.

If you find yourself using Paparazzi! often, please remember to donate!

You can also follow Paparazzi! on Twitter.

Download

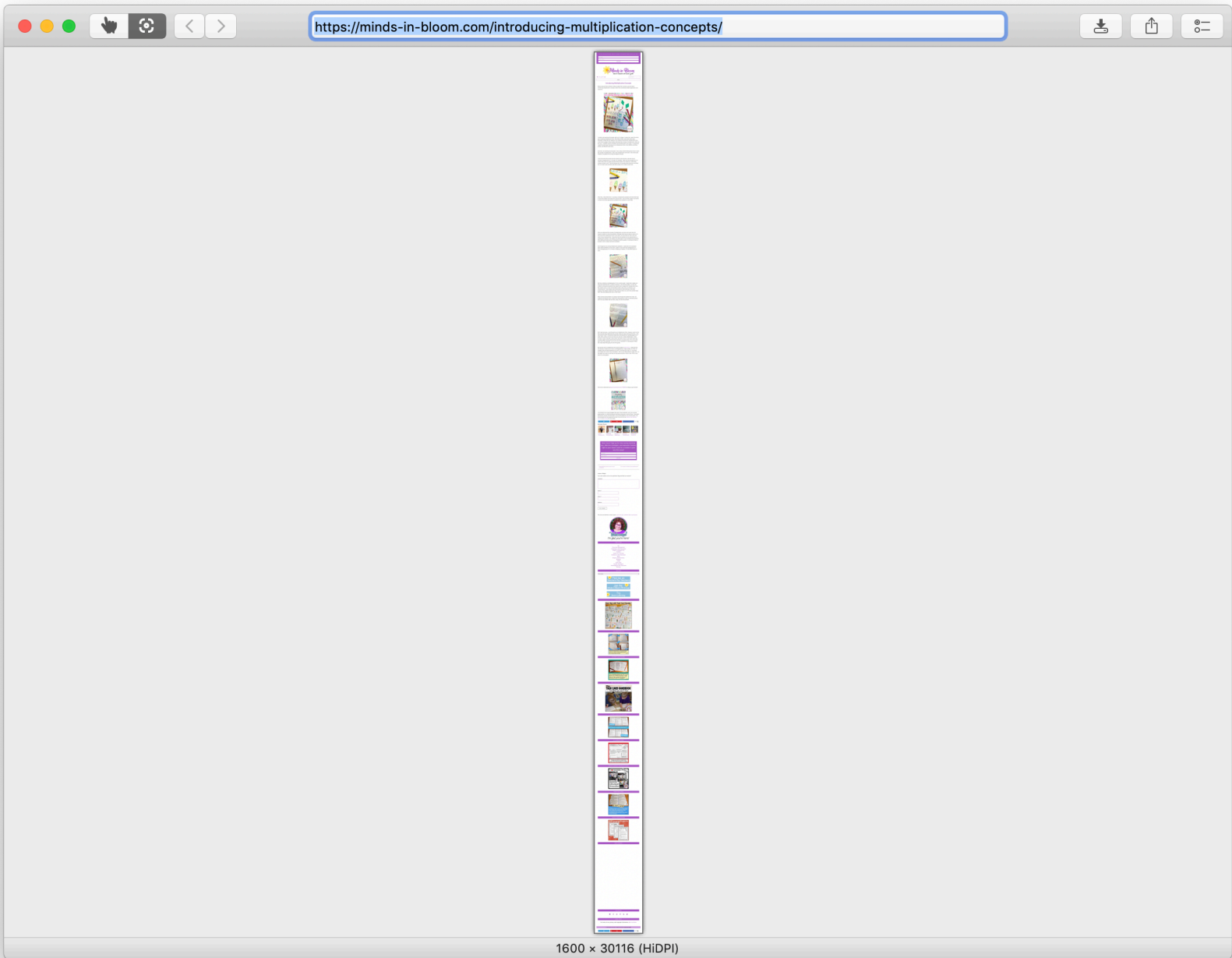Version 1.0b10 • macOS 10.9+

Macworld

★★★★½
MacUpdate
As of March 11, 2019

When captured in this way, the page may contain a lot of advertisements. Use the **single-page editing tools** in PDF Trim to quickly remove the extraneous items on the PDF page.

You can drag the captured PDF directly from the Paparrazi window to EagleFiler or a folder in Finder, if you wish.

Resources

Visit onekerato.com/pdftrim.html for short video tutorials on efficiently using PDF Trim.

Send feedback to onekerato@me.com, to suggest new features and to report bugs.