E-LEARNING COURSE FOR TEACHERS: *Innovative Educational Tools for Assessment of the Hydraulic Heritage with by ICT Tools.*

PART II: STORYMAPS.

General Structure

Module X: Building a Storymap

10.1 Starting your story
10.2 Building your narrative
10.3 Adding immersive and multimedia blocks
10.4 Adjusting the design
10.5 Publishing and sharing your results

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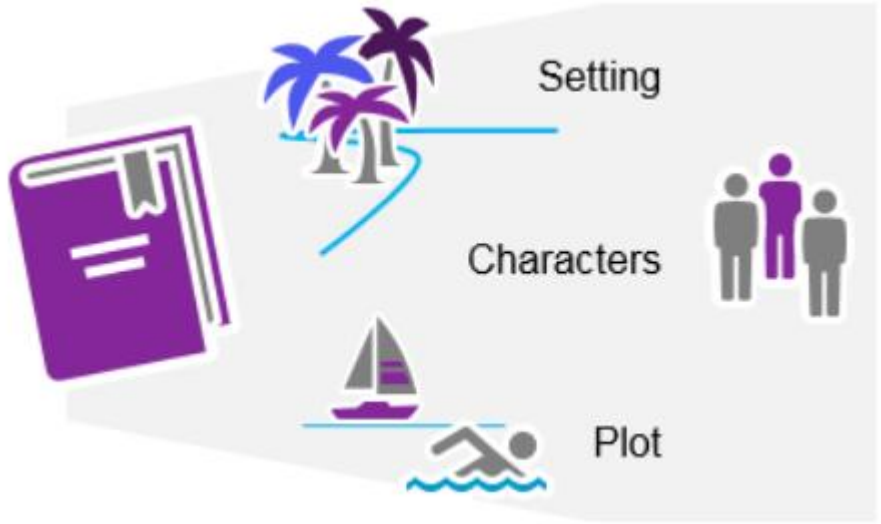
10.1 STARTING YOUR STORY

Everyone loves a good story. Put simply, a story is an account of an incident or series of events, and the story can be real or imaginary. Stories can be interesting, amusing, or instructive.

Most stories are told with words—either spoken or written. Stories can include other forms of communication, too, such as pictures, gestures, or music. Often, pictures provide details about characters or events that are difficult to convey with words. Think of a children's book, a comic book, or a movie that you are familiar with.

When telling stories, a map is a special type of picture. A map can help you visualize where events happen, how far a character travels, or what a country or landscape is like. A map might give you insight into why certain events happened where they did or why the hero of the story made a particular decision.



Tip: Check next course on Esri training web site https://www.esri.com/training/catalog/57630436851d31e02a43f0e3/telling-stories-with-gis-maps/

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10.2 BUILDING YOUR NARRATIVE

Sharing your results or discoveries is essential for demonstrating the value of any research effort. But communication can be tricky, especially if you're trying to connect with people who aren't experts in your area of study. The key to success is keeping your audience interested from start to finish.

Tips:

- It's helpful to have the story written and multimedia elements organized before you start putting the content into the StoryMaps builder.
- With your content inventory complete, you'll start thinking about how you might weave all these pieces together into an outline. Outlines can take a variety of formats, from a simple bulleted list to an entire storyboard, a slide deck, or even a collection of index cards you shuffle around on your desk.

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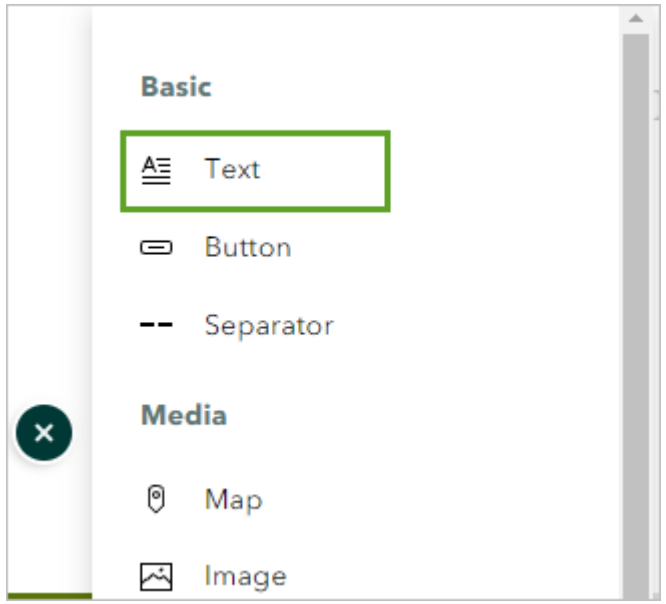
10.3 ADDING IMMERSIVE AND MULTIMEDIA BLOCKS

Now that you have the story text and media, you'll start building the story using content blocks. Each title, paragraph, image, and media type is added as a separate block from the block palette.

There are a few types of blocks you can choose from. There are of course text blocks—paragraph, heading, quote, and so on—and there are also a few options for adding small visual accents, such as a separator or a button.

Immersive blocks are unique in that they become full-screen takeovers of your story, providing different, interactive reading experiences. for example, may recognize the split-screen feel of sidecar, where a fixed media panel displays visual content while a smaller narrative panel scrolls by.



Tip: Check next course on Esri training web site https://www.esri.com/training/catalog/5d49a2df04e5cb3ac549b8be/the-anatomy-of-a-story/

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10.3 ADDING IMMERSIVE AND MULTIMEDIA BLOCKS

Once you have added your text, you can start adding and adjusting media to bring your expedition to life. Images, video, and other media are important because they break up a long narrative and provide context. For example, you can add both individual images and an immersive sidecar to the story and change their appearance to best fit the story.

Also, you can add alternative text, that describes the image so that anyone consuming your story with a screen reader can still experience your work in its entirety.

Tip: As you go, be sure to pause and ask yourself if this is working the way you expected. While having a plan for your story is important, it's okay to iterate and adapt as you go; some things that seem good as a concept do not work out as expected in practice.

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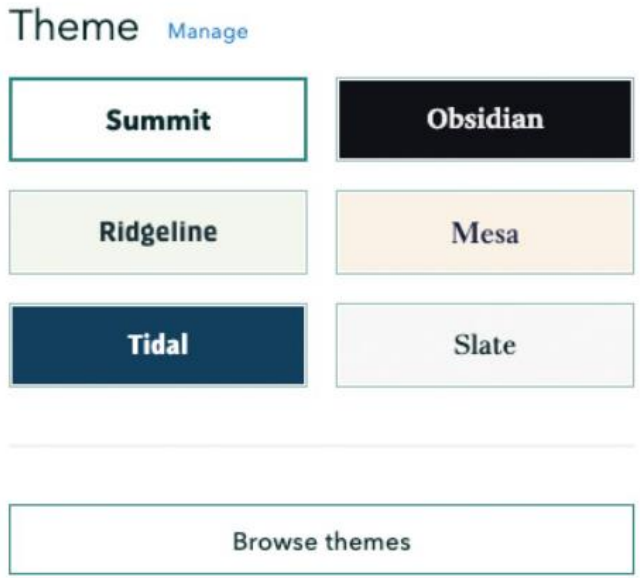
10.4 ADJUSTING THE DESIGN

One of the snazziest things about ArcGIS StoryMaps is the ability to make lots of design refinements.
The first design option is to change the cover layout for your story. There are three choices: full, side-by-side, and minimal. The minimal option gives you the option of including horizontal-format image above the title, or no image at all.

Additionally, you can change the theme look and feel of your whole story. It also changes the fonts and the accent colour. You'll notice that it changes your express maps, too, utilizing a darker basemap to complement the story background.

Better yet, try creating your own custom theme. The theme builder gives you lots of options to customize colour palettes, fonts, quote blocks, separators, and buttons, and even add a logo.



Tip: Check next tutorial with detailed instructions on using the theme builder
https://storymaps.arcgis.com/stories/acdb6c4deff24c1980296b04987b745c

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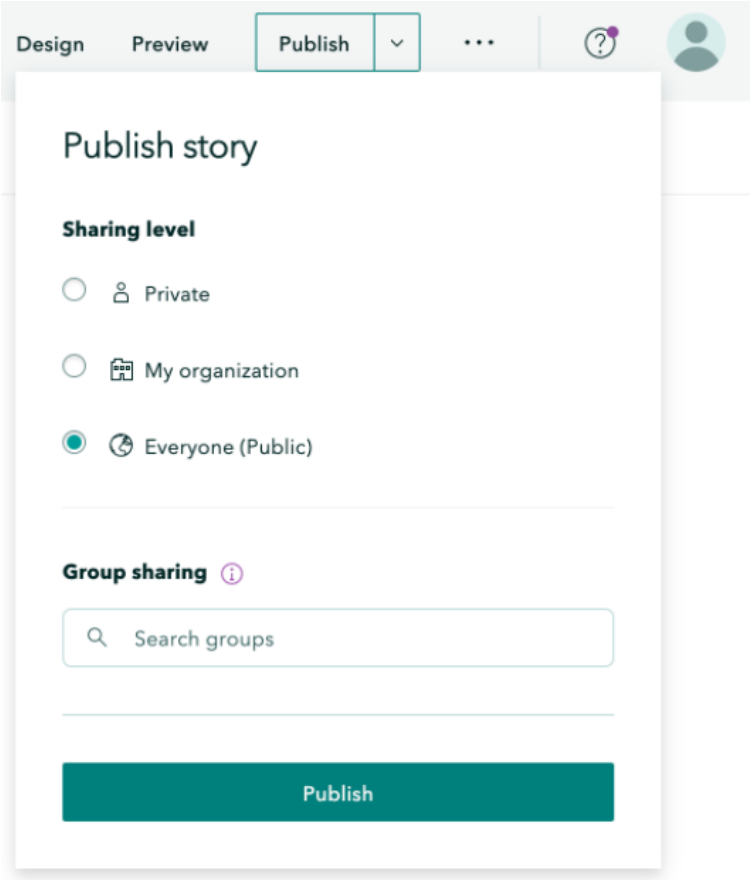
10.5 PUBLISHING AND SHARING YOUR RESULTS

When you are ready to publish, you see these sharing options. **Private** means it visible only to you; **My organization** makes it accessible to other people in your ArcGIS organization; **Everyone** makes your story public. You can also share your story to ArcGIS groups you are a part of by using the search box.

As part of the publishing process, the story checker will look for permissions issues with the maps in your story, and flag any maps or layers whose sharing permissions are more restrictive than that of your story. Once you have published, you can return to editing the story at any time.



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10.5 PUBLISHING AND SHARING YOUR RESULTS

If your published story is available to the public, you might want to promote it through platforms like Twitter or Facebook.
A key part of successful sharing is having an attractive card (or link preview) for your content. ArcGIS StoryMaps generates those cards automatically.

On the back end, the builder takes your story's title, subtitle, and cover image, bringing them together in a card to the social media feeds. You can also change the information referenced by the social card from your story, the card will automatically update to show whatever image you swapped in.

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ONLINE SOURCES

https://learn.arcgis.com/en/projects/share-the-story-of-an-expedition/

https://storymaps.arcgis.com/stories/cea22a609a1d4cccb8d54c650b595bc4

https://doc.arcgis.com/en/arcgis-storymaps/get-started/what-is-arcgis-storymaps.htm

https://www.esri.com/en-us/arcgis/products/arcgis-storymaps/overview

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