

Week 29

Trinity - Web Site Design:

One of the responsibilities of the web site designer is the Protection of your data...

General Data Protection Regulation

This comes from Europe, and is quickly becoming the accepted standard here in the United States.. Basicall the GDPR (General Data Protection Regulation) is a [regulation](#) in [EU law](#) on [data protection](#) and privacy for all individuals within the [European Union](#) (EU) and the [European Economic Area](#) (EEA). It also addresses the [export of personal data](#) outside the EU and EEA areas. The GDPR aims primarily to give control to individuals over their personal data and to simplify the regulatory environment for [international business](#) by unifying the

regulation.

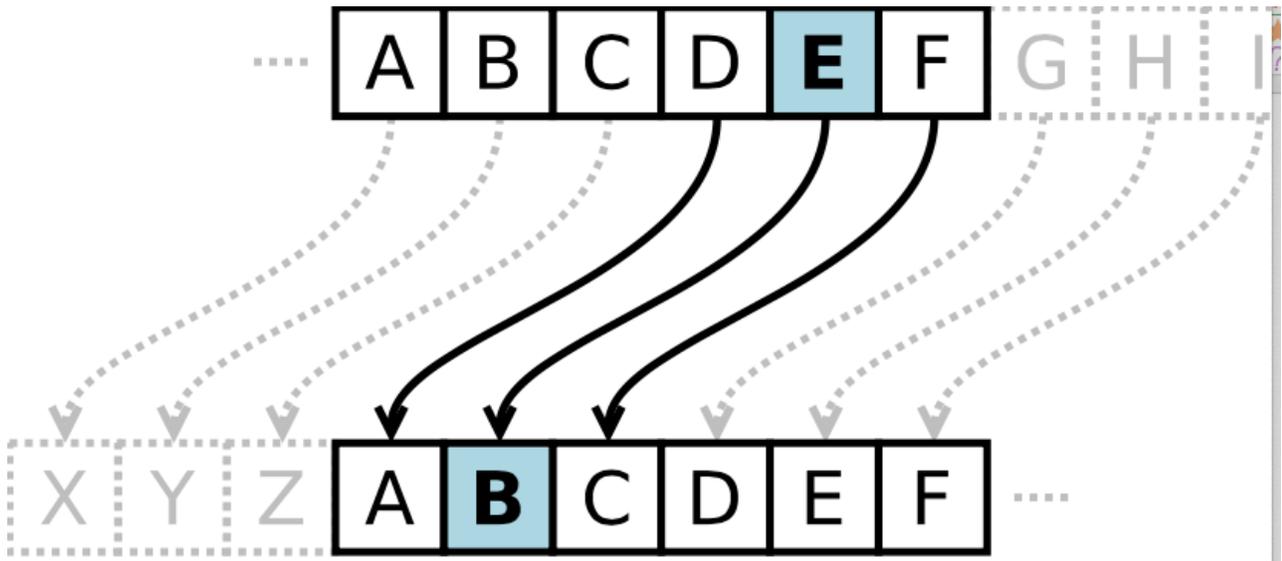
The regulation contains provisions and requirements pertaining to the processing of [personal data](#) of individuals.

Controllers of personal data must put in place *appropriate technical and organisational measures* to implement the data protection principles. Business processes that handle personal data must be designed and built with consideration of the principles and provide safeguards to protect data.

For Example: to transform personal data in such a way that the resulting data cannot be attributed to a specific data subject without the use of additional information. An example is [encryption](#), which renders the original data unintelligible and the process cannot be reversed without access to the correct [decryption key](#).

Encryption software is [software](#) that uses [cryptography](#) to prevent unauthorized access to digital information.^{[1][2]} Cryptography is used to protect digital information on [computers](#) as well as the digital information that is sent to other computers over the [Internet](#).

One ancient form of ciphers is the alphabet shift:



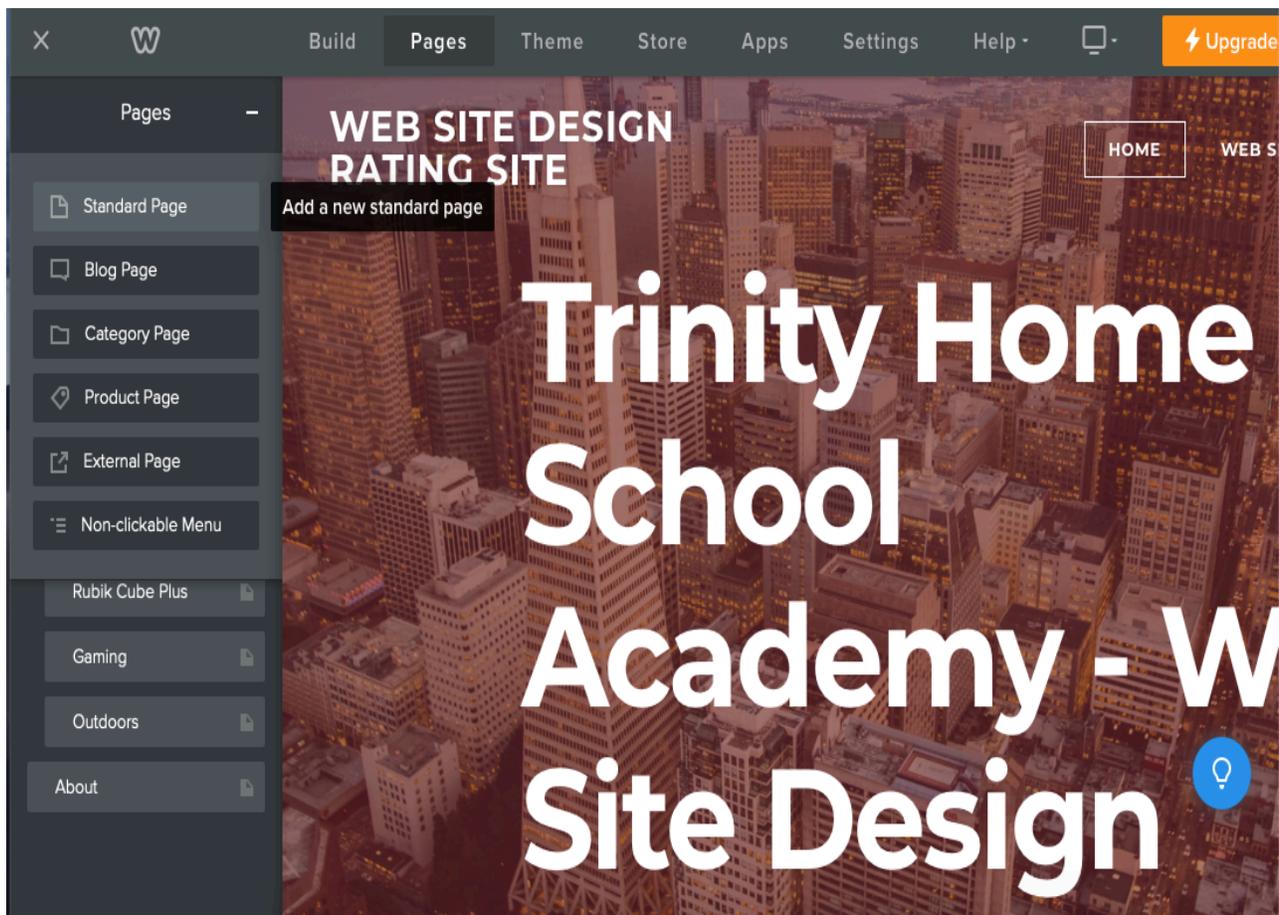
Alphabet shift ciphers are believed to have been used by [Julius Caesar](#) over 2,000 years ago. This is an example with $k=3$. In other words, the letters in the alphabet are shifted three in one direction to encrypt and three in the other direction to decrypt.

Today's Exercise:

- 1) Add a new Page
- 2) Add a button from the home page to

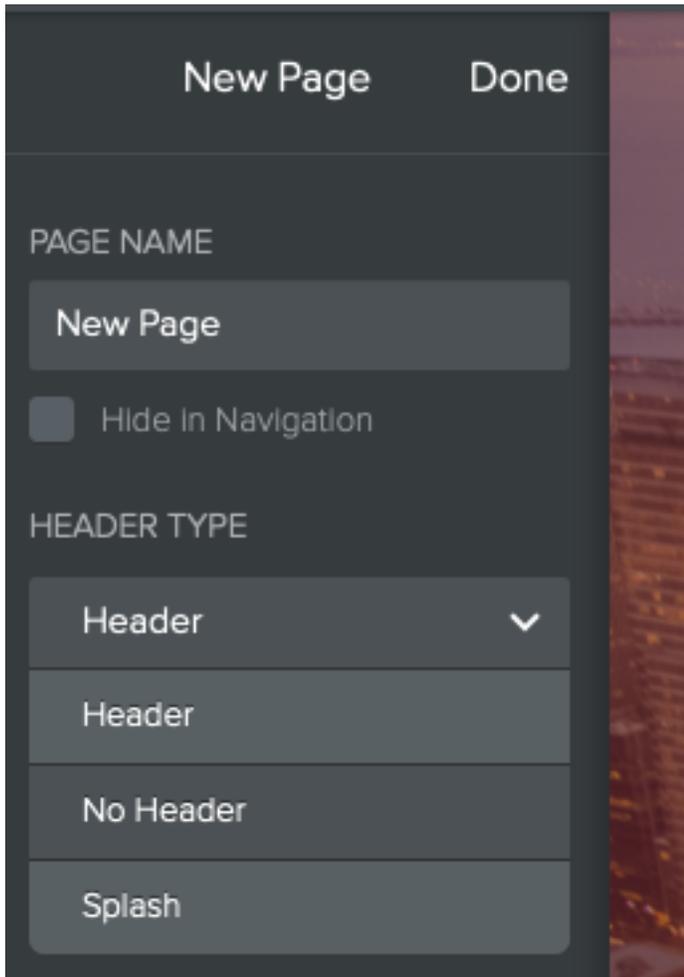
2) Add a button from the home page to the new page

Example:



First click on [Pages]
Then [+] for a new page,
Then select [Standard Page]

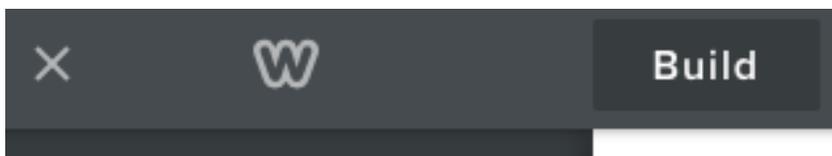


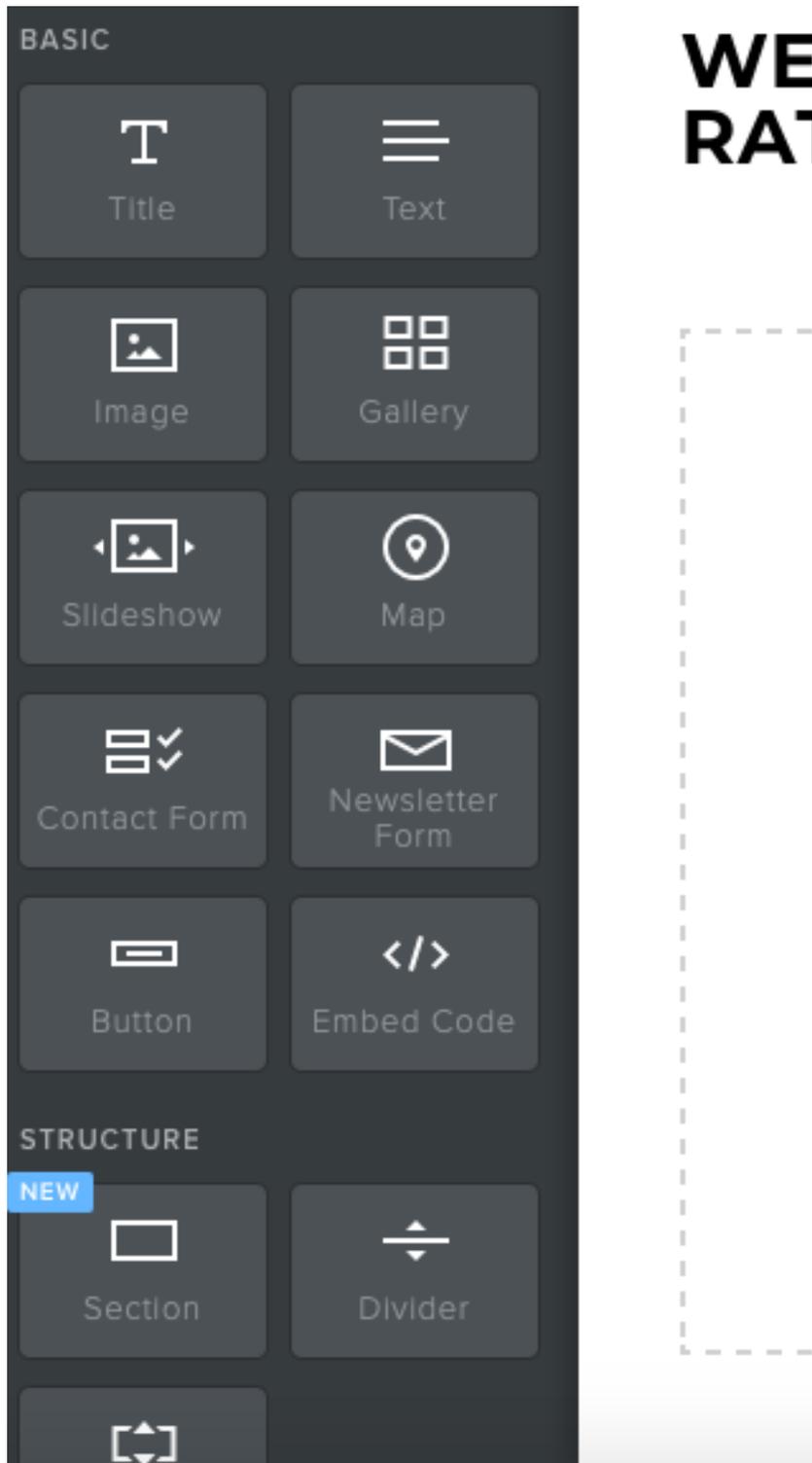


Header <No Header>

If you do NOT want to have a menu
Option to your new page, click the box
[X] Hide in Navigation

Next click [Build]





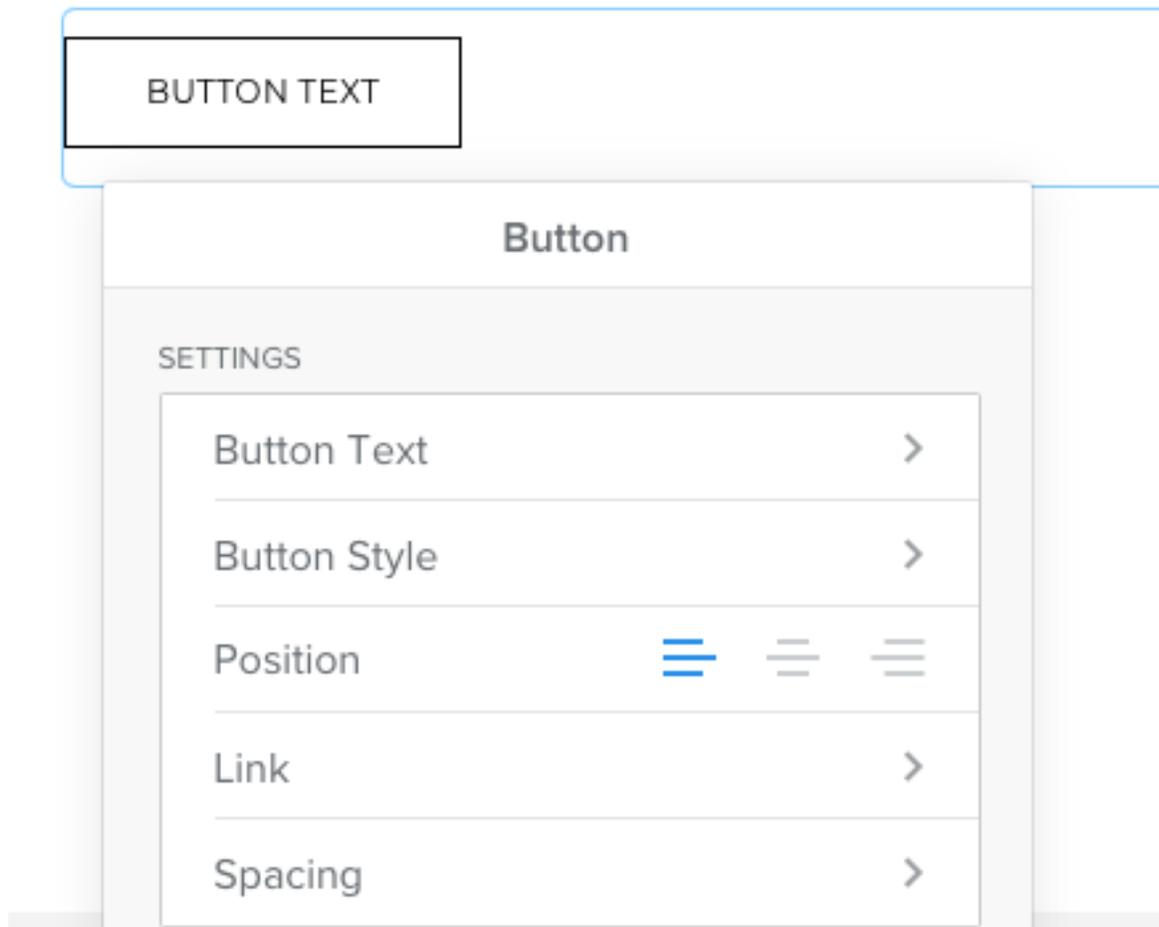
All these are drag & Drop
Onto your new page...

Add a [Title]

Next add some [Text]

Next add some [Text]

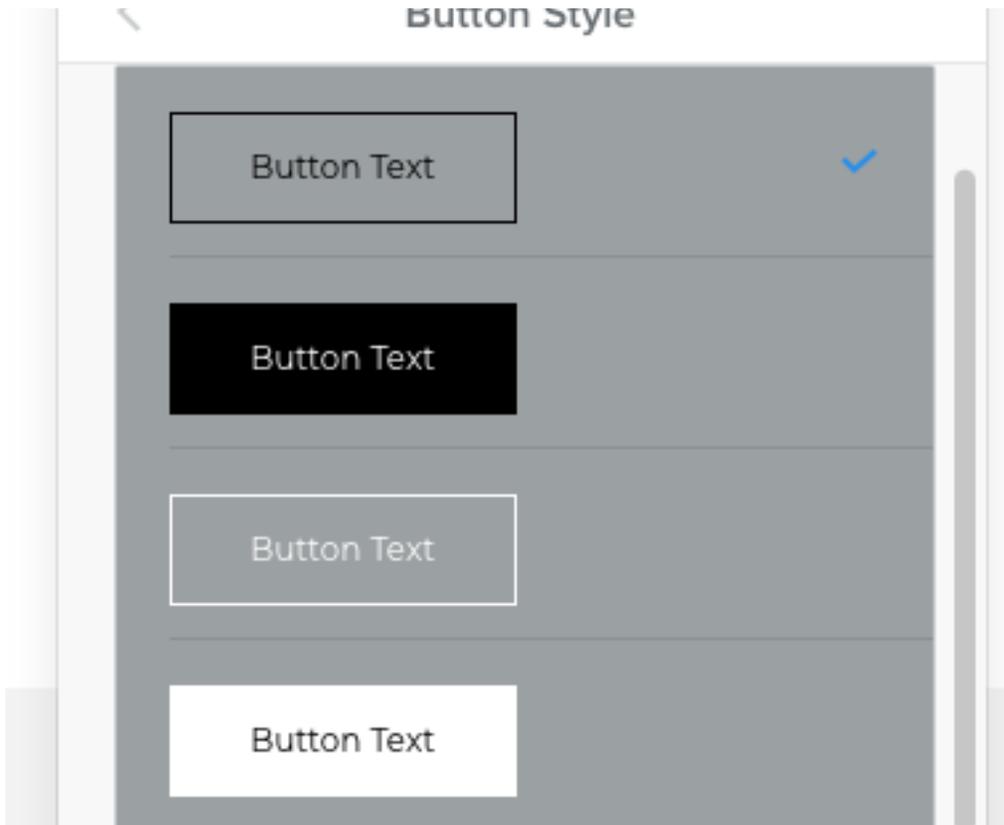
Then drag a [Button]



Button Text is the button "LABEL"

Style is:



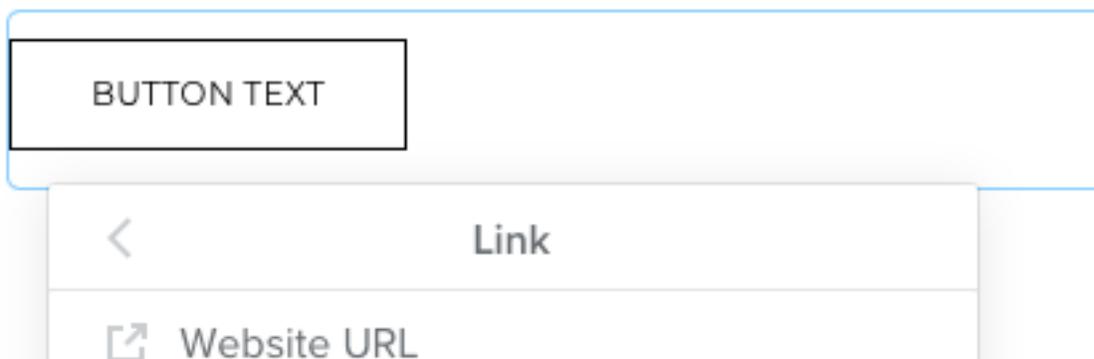


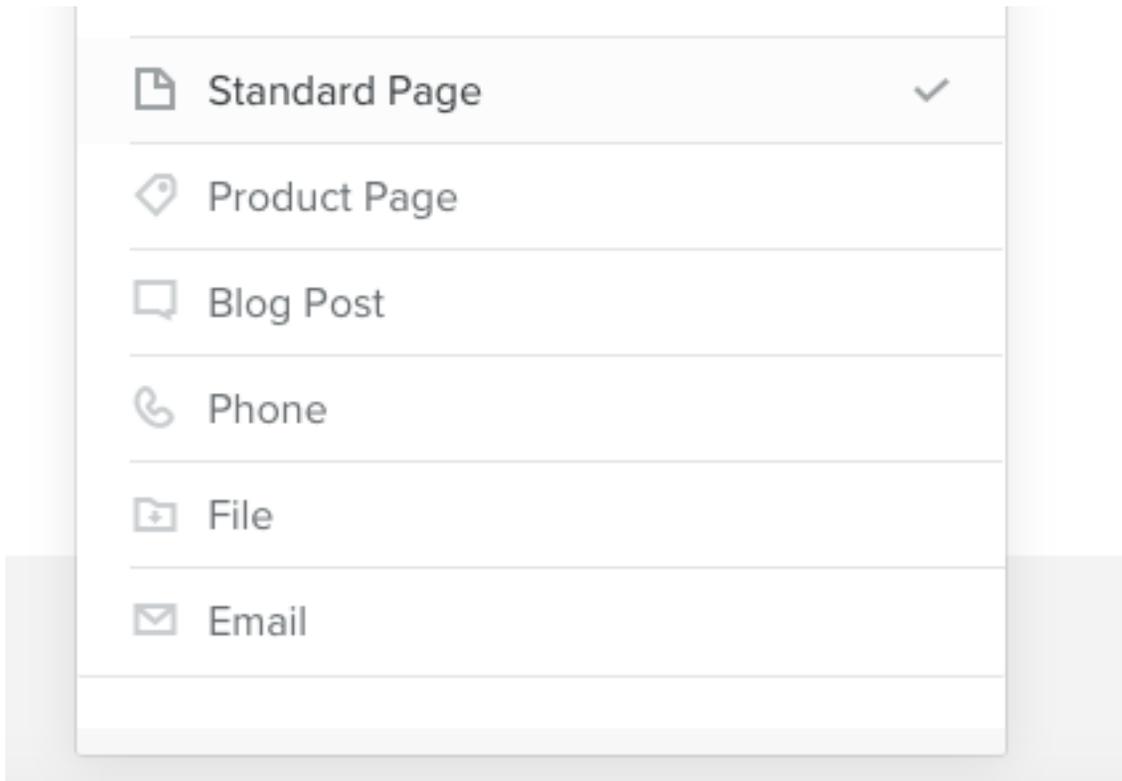
Size & Color

Next select position:

Left ; Center ; or Right aligned on the page

Next select the link:



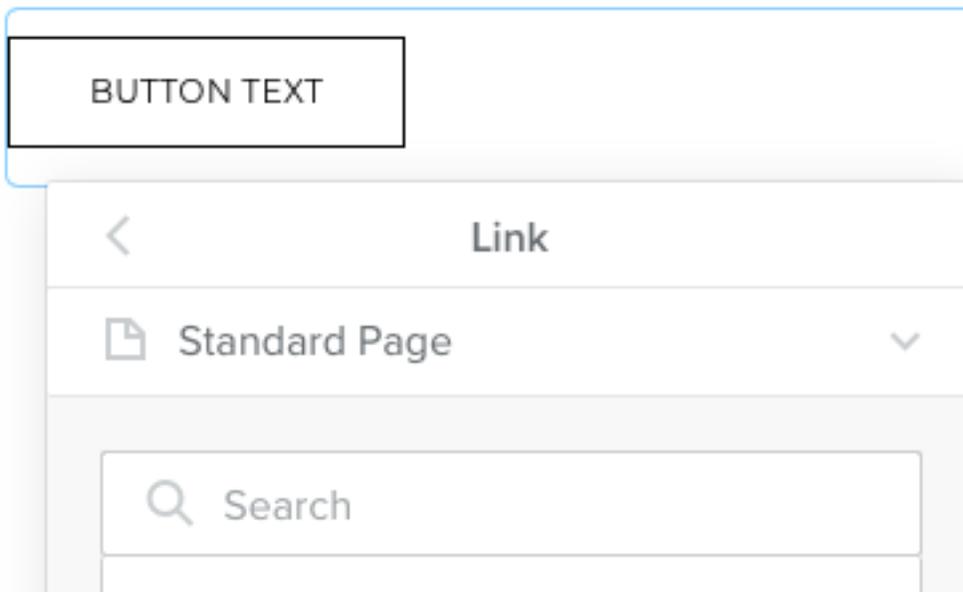


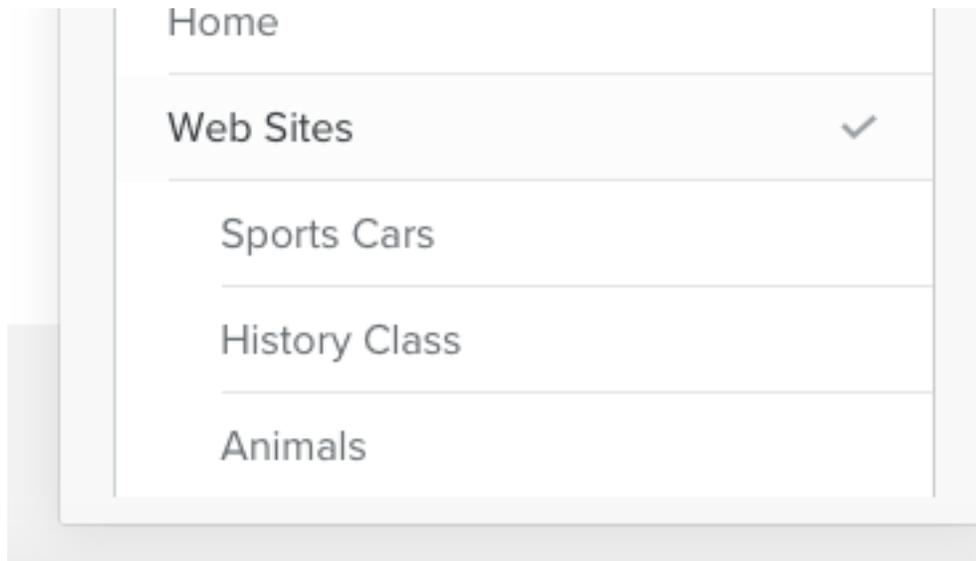
This is the action the button will perform...

Often you want a standard page

On your current web site...

Example:

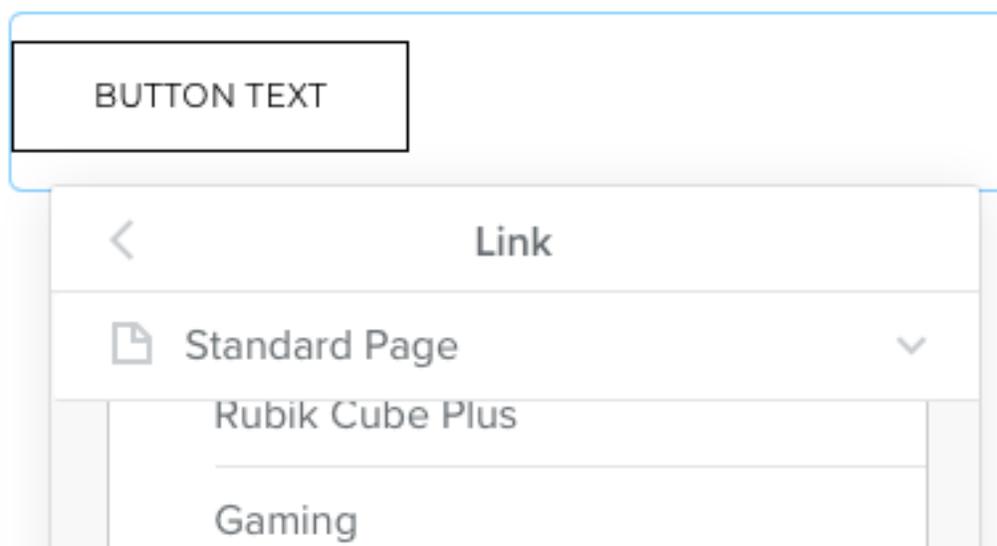


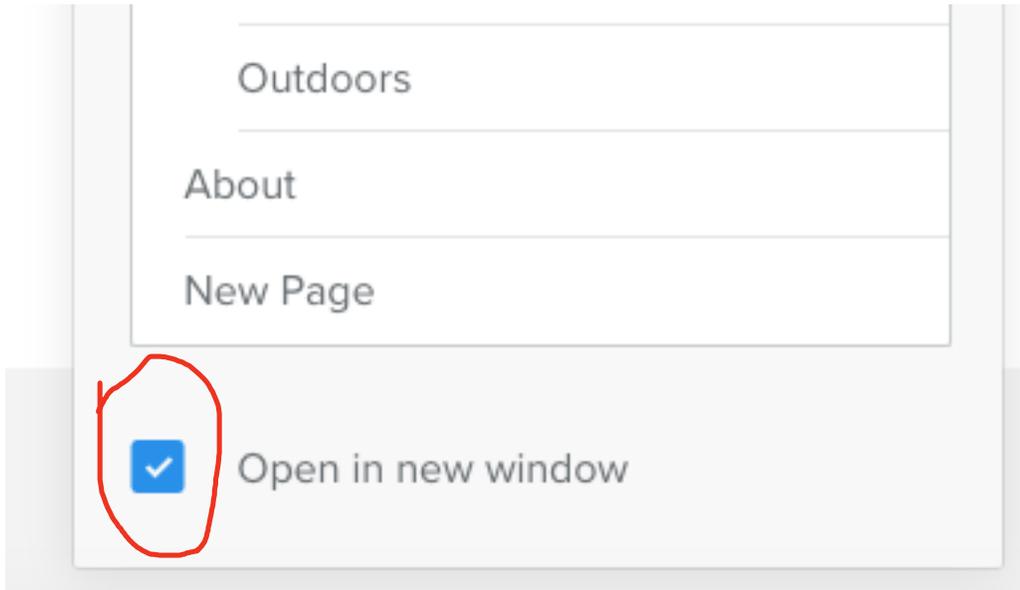


Then when the user presses the button
The new page is displayed...

For the checkbox (bottom)
[] Open in a new window

(I suggest keep this un-Checked,
Having many windows is annoying
To the user...)



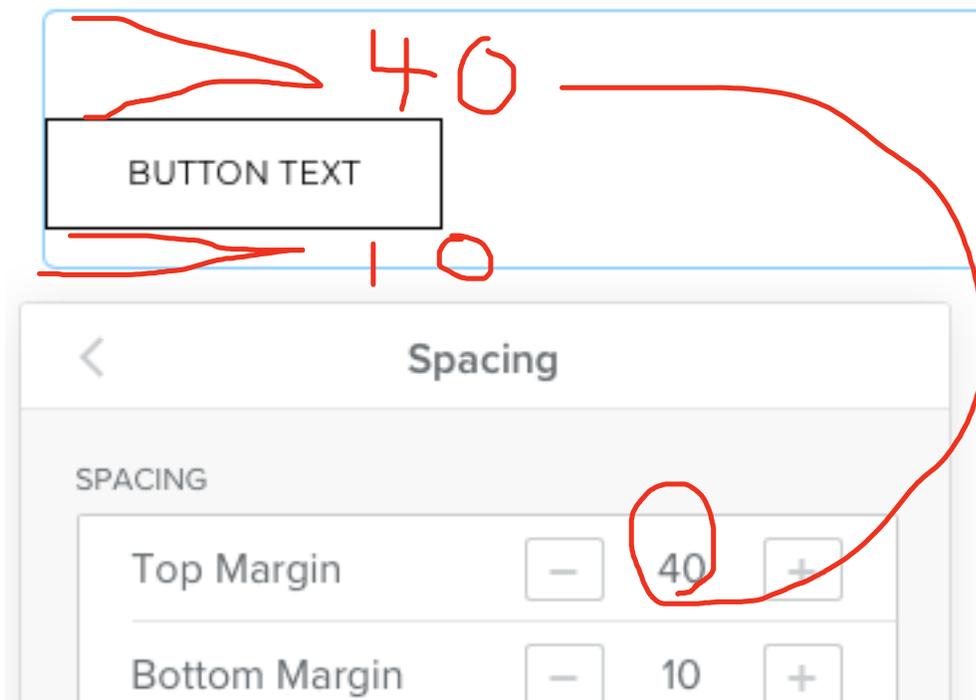


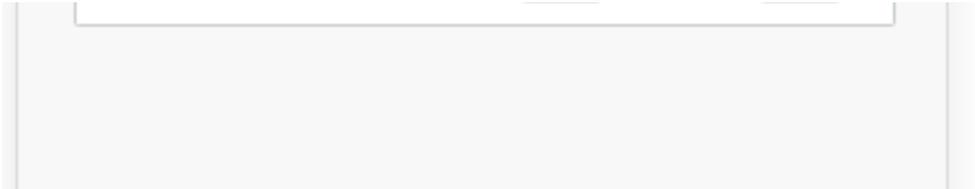
Un-Checked is more popular!

The last selection is:

Spacing (Top Margin + Bottom)

Example: - notice the greater Value on top





Now it's your turn to add
A new page and a button to
The new page, from your home
Page...

Lastly, you can delete a page;
Some students like to delete their
Home Page: easier to start from
Scratch, rather than delete all the
Individual elements...

Example:

