

# Digital & Computing



**Welcome to a wonderful world of creativity and endless possibilities in a World of IT!**

**This is what you will need for this course:**

- An interest in all things IT  
(Some of which might include: Hardware, creating and designing websites, creating graphics and Interactive software, 3d modelling, making games, creating inspiring presentations and cyber security)
- Persistence and a willingness to learn
- It would be useful to have a laptop/computer at home with internet access so that you can complete tasks.

**One of your units will include website programming using HTML and CSS to build and style your website.**

This app is great for beginners or those who need to top up their coding skills!

<https://www.sololearn.com/>

Here you can choose from a range of courses, to start with complete the HTML modules, and then the CSS. You get a certificate of completion after

Here is a useful website you can use to familiarise yourself:

<https://www.w3schools.com/>

This website is an excellent source and lets you work on different areas of building a site as well as giving you opportunities to practice throughout.

**Tip: Coding is completely free!**

**You can use Notepad++ or Visual Studio Code to begin your own site.**

## Create your own augmented reality game

There is lots of free apps for you to build your own games, make your own quizzes or stories. Metaverse allows you to build your experience through a series of cards and play them through a free app. There are endless opportunities for you within this quick and easy to use website.

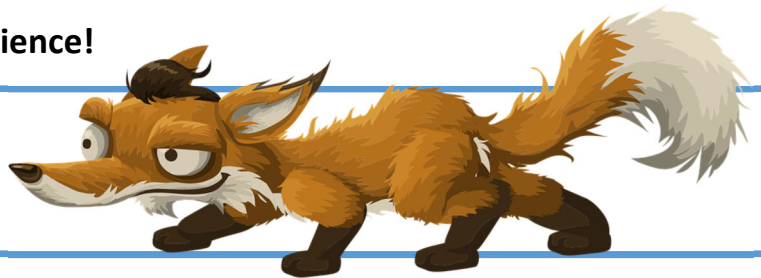


1. Just go to : <https://studio.gometa.io/landing>

*(Works best on Chrome!)*

2. And download the free app: **Metaverse Studio**

3. Get started on building your experience!



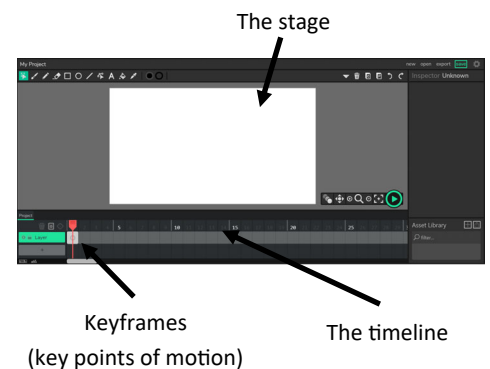
## Create your own animation

Unleash your creativity by creating your very own animation for free!

1. Just go to : <https://www.wickeditor.com/#/>

2. Begin using the tools to draw assets

3. Follow the tutorials to help you add motion.



## Inspirational sites:

**Aardman Animation:** <https://www.aardman.com/>

**Unity projects:** <https://unity.com/madewith>

**Blender 3d Modelling :** <https://www.blender.org/features/>

**Double Negative showreels:** <https://www.dneg.com/reels/>

**An introduction to Cyber security careers:**

<https://www.youtube.com/watch?v=-AkuKKJ8dN0>

**Tour of Google:**

<https://www.youtube.com/watch?v=KCqNEgtN43c>



We look forward to seeing you in September!

In the meantime check us out on social media:



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