ICT & BUSINESS FACULTY TRANSITION PROJECT

Online

Learn to Program with Code.org

Work through the Warm Up and Sequencing activities on Code.org's Express Course. This will give you an insight into how to program computers.

https://studio.code.org/s/express-2019

Keep going if you'd like – it's actually a lot of fun when you get into it and lots of people enjoy working through all of the course.

Hardware: Input, Output or Storage

Using the internet find a list of 10 hardware devices we use in ICT (e.g. Keyboards, Mice, etc.) and identify whether they are input (where they control a computer), output (where they are controlled by a computer) or storage (used to save files).

Put images of each hardware item into one of three columns and build a nice poster with this using any software you'd like.

Offline

Caesar Cipher

A Caesar Cipher is a way of encrypting text so that it can't be read unless you know the method.

Below is a message written with a cypher that makes A->C, B->D, C->E, etc. See if you can decrypt it and see what it should say!

Ygneqog vq Uv Eatgu KEV yjgtg aqw yknnnn jcxg cp cocbkpi vkog

en.wikipedia.org/wiki/Caesar_cipher

This is an example of a Caesar cipher that uses an offset of +2, try seeing what different offsets give and share encrypted messages with your friends.

Tweet your completed work to @CyresTransition and we'll share the best examples with you when you arrive!