THE UNIVERSITY
of EDINBURGH

Cryptography in the classroom

Private Keys Activity Sheet

Estimated time: 20mins

Activities:

1.   Ciphertext : `M PSZI GVCTXSKVETLC`

   This message is encoded with a Caesar cipher, can you decode the message?

2.   Ciphertext : `ZNK WAKKT CKTZ CKYZ HKIGAYK YNK YSKRRKJ YCKKZY`

Here's another Caesar cipher, do you notice something in common with each word? can you decrypt it?

3.   `Alphabet:  ABCDEFGHIJKLMNOPQRSTUVXYZ`

        `Key:       XCMTWVKFEUSRJLZDYBAQHIGNPO`

(a) Use this key to encrypt a message of your favourite movie, TV show or song.

(b) Pass the cipher text to the person sitting to your right and see if they can decrypt it!