Murder Mystery

A murder has been committed. Your job is to decode the clues to find
1. the identity of **the murderer**
2. the **murder weapon**
3. the **room** in which the murder took place

You should take notes on this piece of paper as you proceed through the investigation.

When you have finished, go to the quiz called Murder Mystery and fill in your answers. You have three tries. The quiz can be resumed.

The seven **suspects** are:

Mr Broome	Dr Sweden	Mr Halai	Miss Kaur
Mr Scotland		Mr Sheppard	Mr Smith

The possible **murder weapons** are:

Picture Frame   Chair   Scissors   Barbell

Keyboard   Pen   Stapler

The **room** in which the murder was committed could be:

16   23   24   25   28   29   30   Computer room   GYM

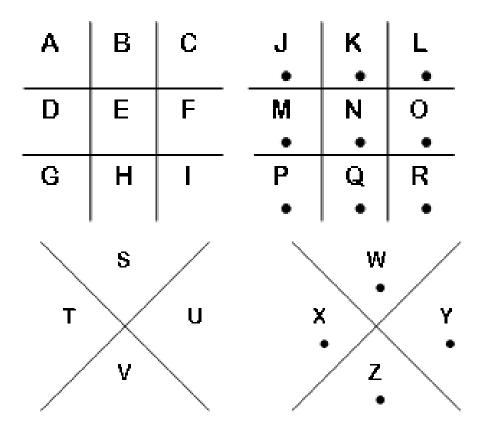**Helpful Links:**

https://www.dcode.fr/
https://cryptii.com/
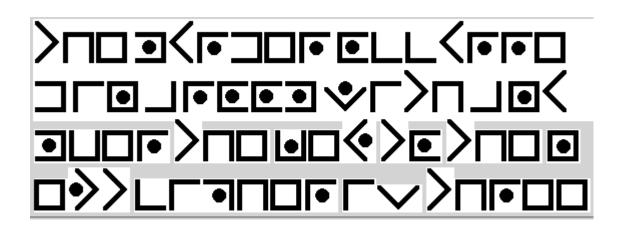http://icyberchef.com/
http://www.counton.org/explorer/codebreaking/frequency-analysis.php
http://rumkin.com/tools/cipher/

Code 1: Pigpen

This code uses the following **key**. You need to work out how to use the key to decode the message which follows.

A	B	C		J •	K •	L •
D	E	F		M •	N •	O •
G	H	I		P •	Q •	R •

S (top) · T (left) · U (right) · V (bottom)

W (top) · X (left) · Y (right) · Z (bottom)

Code 2: RAILFENCE

You should have gotten a number from the last message to help you solve this cipher.

Tme svnih eC rkftn hiyfh udrrde aea nternm. leTesce e o h etcpe scbruereoh S ia uhetyrexir en

Code 3: Vigenere Cipher

This cipher requires a code word to decrypt

vff qlwxrt bjh etn ucnqie nh n rpjqv sozdcsiu wibo
Lfbk hfhg Rii ejrg egqlvw cf qlf sw ybr qjeijy vnuce se ybr jccvvb uyrfbfvy

Code 4: Real OLD Cipher

Each letter is represented by a different letter in a simple way.

Gsv illn mfnyvi rh wrerhryov yb urev
XOFV gsv mvcg xzvhvi orpv drgs z hvevmgvvm

Code 5: Cipher

Spin the right number of times.

cqn vdamnanab wjvn fruu cnuu hxd fqjc lxdwcah cqnh jan oaxv

LUDN oxa cqn wngc xwn hxd cruu qjen cx cajwbyxbn lxudvw cx axfb

Code 6: TRANSPOSE Code

Toaot   hosfo   emtar   rhwcs

Cnooygaia lenuthrts uxebosthe etdlutwb64

Code 7: The final challenge
Second Step ROT some number

CgpOeXkgaXZ5eW52YWYgZnJyYSBnYiB1bmlyIG5xaW5hcHJxIHFydGVycmYKCgoK==

ClFiYXIganZndSBuYSB2YWZnZWh6cmFnIHp2dHVndnJlIGd1bmEgbiBmamJlcQoKCg==

Message from the Murderer

Use all your cunning to break this final message left by the murderer. You might want to keep a track of which letters represent what using the provided grid.

XNFF OUMN! QUV SEKN TPULNM BSN AUON EMO AEVISB CN. WU TNRUPN

H IU BU GPHWUM H XHFF PNXEPO QUV XHBS E FHBBFN THB UR CQ

LMUXFNOIN ETUVB AUONW. BSNPN EPN CEMQ XEQW BU TPNEL E

CNWWEIN BSEB SEW TNNM NMAUONO VWHMI E AHGSNP. SUXNKNP, BSN

TNWB XEQ BU EBBEAL WVAS E CNWWEIN HW VWHMI RPNYVNMAQ

EMEFQWHW. BSHW VWNW BSN REAB BSEB NKNPQ FEMIVEIN SEW

ANPBEHM FNBBNPW BSEB UAAVP CUPN RPNYVNMBFQ BSEM UBSNPW. UR

AUVPWN, MUB NKNPQ GHNAN UR BNJB SEW BSN WECN FNBBNP

OHWBPHTVBHUM, WU BSN GNPWUM TPNELHMI BSN AUON SEW BU VWN E ANPBEHM

ECUVMB UR HMINMVHBQ EMO GPUTFNC WUFKHMI WLHFFW BU APEAL BSN AUON.

BSHW HW XSQ BSN WAHNMAN UR APQGBUIPEGSQ HW EM EGGFHNO WVTDNAB UR

CEBSNCEBHAW.

Code Letter	A	B	C	D	E	F	G	H	I	J	K	L	M
Real Letter													

Code Letter	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Real Letter													

Code Letter	A	B	C	D	E	F	G	H	I	J	K	L	M
Real Letter													

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