

Codes and Codebreaking - Activities!

We've learned a lot about a wide variety of codes in this course, and these activities are going to give you a chance to review what you've learned. Give them your best effort, and then take a look at the Solutions Sheet to see how close you came to cracking all the codes we've learned so far! Don't worry if you have a bit of trouble; it's been a while!

Activity 1: Railway!

1)

C	E	R	U
O	S	E	N
D	A	F	

2)

W	S	Y	U	H	N	S
A	H	O	R	A	D	

3)

W	I	N	A	S
E	T	C	I	
S	O	H	R	

4)

T	E	E	N	T	Y
H	A	R	I	O	
E	T	I	C	D	
W	H	S	E	A	

Activity 2: Snakway!

1)

S	A	F	Y	H	
T	S	E	A	O	
A	Y	S	T	M	E

2)

D	S	A	G	O	P	E	
O	G	R	E	O	D	T	S

3)

B	U	R	
R	O	T	
U	Y	E	H
S	H	E	T

4)

C	E	I	A	P	I	Z
A	M	N	H	E	S	E
T	O	A	S	S	D	S
S	C	L	L	A	N	

Activity 3: Pigpen!

A	B	C
D	E	F
G	H	I

J .	K .	L .
M .	N .	O .
P .	Q .	R .

	S	
T		U
	V	

	W	
X	.	Y
	Z	

1)

L E J O V J F O C < O

2)

> n o v < o v o > v r o > n o v o v > .

3)

L E V V E F A O E E V > E < E F O E J V .

4)

U F W O V N J A O > V E V N O O E V .

Activity 4: Mirror Cipher

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Z	Y	X	W	V	U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A

- 1) XLWVH ZIV UFM.
- 2) NRILIH ZIV XLMUFHRMT.
- 3) NRILLI, NRILLI LM GSV DZOO.
- 4) KLIIRWTV RH GZHGB.

Activity 5: Caesar Cipher (Shift 3)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W

- 1) ZLABP XOB CRK.
- 2) MXPQX TFQE FEBBPB.
- 3) XII OLXDP IBXA QL OLJY.
- 4) PBXDRIIO XOB ILRA.