

Nature Cryptograms — Set 52

6 puzzles · Large print · answers on the last page

Every letter has been swapped for another letter. The same cipher letter always stands for the same letter, and no letter ever stands for itself. Write your answer in the blank under each letter. Answers are on the last page.

1. Clue: M = T

Easy · 97 letters

J Q T Z D M F Q X T O M I U

G O E O D O U I U R

Y S N D D Q D O I M B O D

Y U Z I M X W, J O M B U I Q

U Y Y Z F N M O U I

D M X O E O I K M U

D Q Y Z X Q N G E N I M N K Q

U E Q X N I U M B Q X.

Decoder — write your answer under each cipher letter:

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

2. Clue: M = S

Easy · 98 letters

X L S J N Z M L B X M Z K Q

B Q N Y W Y M Z N Y X

N Q M Y L J X K T Z M J X

M K Q T Z K B X E ' M

K Y T - P X K F H Y W

B Z N L J ; A D L H Z O Y Q P

Y X S J L J Z K F L J X L

Z K M Y X M Q K F N Q T M .

Decoder — write your answer under each cipher letter:

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

3. Clue: S = E

Easy · 98 letters

C T S O L Z F U O F C

Q A Z M C X H Q O F H C T S A

N S O A T O J S L P S X X S U

H Z A V H Z F C A N Y M C T

D P S F C N O F U Y M C T

C T S E S O F X H Q O

Q P H Z A M X T M F W

V H E E S A V S .

Decoder — write your answer under each cipher letter:

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

4. Clue: B = E

Medium · 98 letters

B Z B D X E G B W R E P O

V K T V Q P L E B, B Z B D X

I O P L Q, B Z B D X

P L R W P O R L R Q V

U D S H Q G, Q B P E G B V

Q G B K L R Q X S A

E P K V B, Q G B

Z P D R B Q X S A

P I I B P D P L E B.

Decoder — write your answer under each cipher letter:

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

5. Clue: T = E

Easy · 99 letters

N I W P V P V Q P R

T Y T I U N M P V Q . N M T

S T W B M L W R G V B T W

E P N N T I W C D G V F ;

B W K C P X C G L T I P R

V G N M P V Q E K N

B W E E W Q T L P N M W

B G C C T Q T

T F K B W N P G V .

Decoder — write your answer under each cipher letter:

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

6. Clue: Z = S

Easy · 100 letters

X S H Z H I J Y Z S B E U

Z Q J J H P Z B N P H J P N B

S Y Z Z H I J Y Z S U H Z Z

X S E U S H J P N B R S N B

X S E X Z H I J Y Z S U H Z Z

R Y X S S N I L Z Z N B H

Y B F N P X E U X

A H U H J Y X .

Decoder — write your answer under each cipher letter:

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

Solver's cheat sheet

Most common letters	E T A O I N S H R D L U
Most common 1-letter words	A I
Most common 2-letter words	OF TO IN IT IS BE AS AT SO WE HE BY OR ON DO IF ME MY UP AN GO NO US AM
Most common 3-letter words	THE AND FOR ARE BUT NOT YOU ALL ANY CAN HER WAS ONE OUR OUT DAY GET HAS HIM HIS HOW MAN NEW NOW OLD SEE TWO WAY WHO BOY DID ITS LET PUT SAY SHE TOO USE
Common double letters	LL EE SS OO TT FF RR NN PP CC
Common word endings	-ING -ION -ENT -TION -LY -ED -ER -EST
After an apostrophe	T (don't) S (it's) RE (we're) VE (I've) LL (we'll) D (I'd)

Answer key

Nature Cryptograms — Set 52

1. "We must permit no division of classes in this country, with one occupation striving to secure advantage over another."

— Calvin Coolidge, 1924, *State of the Union Address*

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

2. "At Christmas I no more desire a rose than wish a snow in may's new-fangled mirth;
But like of each thing that in season grows."

— William Shakespeare, 1597, *Love's Labour's Lost*, Act I. Sc. 1 (in *Bartlett's Familiar Quotations*, 9th ed., 1891)

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

3. "The abundant fruits of another year have blessed our country with plenty and with the means of a flourishing commerce."

— George Washington, 1790, *Second Annual Message to Congress*

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

4. "Every chemical substance, every plant, every animal in its growth, teaches the unity of cause, the variety of appearance."

— Ralph Waldo Emerson, 1841, *Essays: First Series*

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

5. "Training is everything. The peach was once a bitter almond; cauliflower is nothing but cabbage with a college education."

— Mark Twain, 1894, *The Tragedy of Pudd'nhead Wilson*

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

6. "The selfish man suffers more from his selfishness than he from whom that selfishness withholds some important benefit."

— *Ralph Waldo Emerson, 1844, Essays: Second Series*

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