

# Nature Cryptograms — Set 40

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: X = E

Hard · 72 letters

X Z Z W Z Q , C M U X

\_\_\_\_\_

Q F Z R E Q , G S W A F D X

\_\_\_\_\_

Q G Z O R T X O C W E ; D X

\_\_\_\_\_

E D W E W G C P Q X R Z T D

\_\_\_\_\_

O W Z S X R Z C Q V G Q F

\_\_\_\_\_

P M N X J X C W E .

\_\_\_\_\_

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: G = E

Medium · 73 letters

**B Y F Z Q G L A Y**

\_\_\_\_\_

**H G Q A R B Y U L F W A R**

\_\_\_\_\_

**K Y A F Y B V**

\_\_\_\_\_

**Z B L K G Q A Y U F C Y F N G**

\_\_\_\_\_

**C Y K G B G K G Q A G G B**

\_\_\_\_\_

**R B G R E C G Q**

\_\_\_\_\_

**E G Y F Z Q G A .**

\_\_\_\_\_

Decoder — write your answer under each cipher letter:

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

3. Clue: C = E

Easy · 73 letters

**Z B G C X B H G Z D B H Q**

**F D D K C X H G Z D B D B**

**M Y Z F Y C B A L X Z B R**

**K C H F C S L U G V C**

**V H U C A Z U B D G H**

**D B C - M H P U G X C C G .**

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: D = E

Medium · 74 letters

O N D I P L O N I M D W D V

N G H G M R G V P I, G M H

N G W D L M W G V L G U C R

I D G C D H O N D L V

C D O O D V I S L O N

O N D L V O N J P U I.

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: Y = I

Easy · 74 letters

T F X V F A G G Y L

R Y E Y U Y Q H B Y X L N H G

A E A F K O N A F A I A H L B

H U Y I Y B H B Y X L H L W

F A V M U H B Y X L X S

R X L B F H R 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

6. Clue: Z = N

Hard · 74 letters

V F V W Z B X Z F K F H S  
O W Z W D Q Z J D Q J X T ;  
V F T W Z Z Q B I W H N Q Z  
B U F W A E F Z T F Q M X B ,  
A Y B X B O Y E B Z Q B A F  
E I Q P F Z .

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<br>UP AN GO NO US AM                                                                                    |
| Most common 3-letter words | THE AND FOR ARE BUT NOT YOU ALL ANY CAN HER WAS ONE<br>OUR OUT DAY GET HAS HIM HIS HOW MAN NEW NOW OLD SEE<br>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                                                                                                                         |

## Answer key

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1. "Errors, like straws, upon the surface flow; He who would search for pearls must dive below."

— John Dryden, 1678, *All for Love*, Prologue (in *Bartlett's Familiar Quotations*, 9th ed., 1891)

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

2. "Nature is a personality so vast and universal that we have never seen one of her features."

— Henry David Thoreau, 1862, *Walking*

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

3. "International cooperation on which enduring peace must be based is not a one-way street."

— Franklin D. Roosevelt, 1945, *State of the Union Address*

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

4. "The Smiths never had any arms, and have invariably sealed their letters with their thumbs."

— Sydney Smith, 1855, *Lady Holland's Memoir of the Reverend Sydney Smith*, Vol. I. p. 244 (in *Bartlett's Familiar Quotations*, 9th ed., 1891)

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

5. "Progress in civilization has everywhere meant a limitation and regulation of contract."

— Theodore Roosevelt, 1908, *Eighth Annual Message to Congress*

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

6. "We want in every man a long logic; we cannot pardon the absence of it, but it must not be spoken."

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

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