

Reproducible handout appears on page 2.

Answer Key:

# Hornworm Cryptogram I

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

INSECT EXOSKELETONS CANNOT GROW! WHEN A  
SOXFIP FZNXMFBFPNOX IWOONP YRNG! GUFO W

HORNWORM GROWS, ITS EXOSKELETON GETS  
UNROGNRV YRNGX, SPX FZNXMFBFPNO YFPX

TIGHTER AND TIGHTER. AS THE HORNWORM IS  
PSYUPFR WOK PSYUPFR. WX PUF UNROGNRV SX

BEING SQUEEZED, IT BEGINS TO GROW A NEW, SOFT  
JFSOY XLQFFHFK, SP JFYSOX PN YRNG W OFG, XNDP

EXOSKELETON. THE OLD, HARD EXOSKELETON  
FZNXMFBFPNO. PUF NBK, UWRK FZNXMFBFPNO

BURSTS INTO TWO PIECES, AND THE HORNWORM  
JQRXPX SOPN PGN ESFIFX, WOK PUF UNROGNRV

WIGGLES OUT WHILE THE NEW EXOSKELETON  
GSYYBFX NQP GUSBF PUF OFG FZNXMFBFPNO

HARDENS.  
UWRKFOX.

Name \_\_\_\_\_

Date \_\_\_\_\_

# Hornworm Cryptogram I

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

S O X F I P F Z N X M F B F P N O X I W O O N P Y R N G ! G U F O W

U N R O G N R V Y R N G X , S P X F Z N X M F B F P N O Y F P X

P S Y U P F R W O K P S Y U P F R . W X P U F U N R O G N R V S X

J F S O Y X L Q F F H F K , S P J F Y S O X P N Y R N G W O F G , X N D P

F Z N X M F B F P N O . P U F N B K , U W R K F Z N X M F B F P N O

J Q R X P X S O P N P G N E S F I F X , W O K P U F U N R O G N R V

G S Y Y B F X N Q P G U S B F P U F O F G F Z N X M F B F P N O

U W R K F O X .

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Answer Key:

# Hornworm Cryptogram 2

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

OUTGROWING THE OLD EXOSKELETON AND  
NQPYRNGSOY PUF NBK FZNXMF BFPNO WOK

REPLACING IT WITH A NEW ONE IS  
RFEBWISOY SP GSPU W OFG NOF SX

CALLED "MOLTING." AFTER MOLTING, A  
IWBBFK "VNBPSOY." WDPFR VNBPSOY, W

HORNWORM RECYCLES ITS OLD  
UNROGNRV RFICIBFX SPX NBK

EXOSKELETON BY EATING ALL BUT THE  
FZNXMF BFPNO JC FWPSOY WBB JQP PUF

VERY HARD HEAD.  
TFRC UWRK UFWK.

Name \_\_\_\_\_

Date \_\_\_\_\_

# Hornworm Cryptogram 2

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

N̄Q̄P̄ȲR̄N̄ḠS̄ŌȲ P̄ŪF̄ N̄B̄K̄ F̄Z̄N̄X̄M̄F̄B̄F̄P̄N̄Ō W̄ŌK̄

R̄F̄ĒB̄W̄ĪS̄ŌȲ S̄P̄ ḠS̄P̄Ū W̄ ŌF̄Ḡ N̄ŌF̄ S̄X̄

ĪW̄B̄B̄F̄K̄ “V̄N̄B̄P̄S̄ŌȲ.” W̄D̄P̄F̄R̄ V̄N̄B̄P̄S̄ŌȲ;̄ W̄

ŪN̄R̄ŌḠN̄R̄V̄ R̄F̄ĪC̄ĪB̄F̄X̄ S̄P̄X̄ N̄B̄K̄

F̄Z̄N̄X̄M̄F̄B̄F̄P̄N̄Ō J̄C̄ F̄W̄P̄S̄ŌȲ W̄B̄B̄ J̄Q̄P̄ P̄ŪF̄

T̄F̄R̄C̄ ŪW̄R̄K̄ ŪF̄W̄K̄.

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Answer Key:

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

AT THE END OF ITS FIFTH INSTAR, A  
KP POG GIX ZC MPT CMCPO MITPKB, K

HORNWORM STOPS EATING, LEAVES ITS  
OZBIUZBL TPZFT GKPMIV, AGKWGT MPT

FOOD, AND BEGINS CRAWLING AROUND.  
CZZX, KIX JGVMIT RBKUAMIV KBZEIX.

OVER SEVERAL DAYS, THE HORNWORM WILL  
ZWGB TGWGBKA XKST, POG OZBIUZBL UMAA

EMPTY ITS GUT, DRY OUT, AND LOSE  
GLFPS MPT VEP, XBS ZEP, KIX AZTG

WEIGHT. IT IS PREPARING TO BECOME A  
UGMVOP. MP MT FBGFKBMIV PZ JGRZLG K

PUPA. DURING THIS TIME, THE HORNWORM'S  
FEFK. XEBMIV POMT PMLG, POG OZBIUZBL'T

HEART APPEARS AS A DARK BLUE, PULSING  
OGKBP KFFGKBT KT K XKBQ JAEG, FEATMIV

LINE ON ITS BACK.  
AMIG ZI MPT JKRQ.

Name \_\_\_\_\_

Date \_\_\_\_\_

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

̄K̄P̄ P̄ŌḠ ḠĪX̄ Z̄C̄ M̄P̄T̄ C̄M̄C̄P̄Ō M̄ĪT̄P̄K̄B̄,̄ K̄

̄ŌZ̄B̄ĪŪZ̄B̄L̄ T̄P̄Z̄F̄T̄ ḠK̄P̄M̄ĪV̄,̄ ĀḠK̄W̄ḠT̄ M̄P̄T̄

̄C̄Z̄Z̄X̄,̄ K̄ĪX̄ J̄ḠV̄M̄ĪT̄ R̄B̄K̄ŪĀM̄ĪV̄ K̄B̄Z̄ĒĪX̄.

̄Z̄W̄ḠB̄ T̄ḠW̄ḠB̄K̄Ā X̄K̄S̄T̄,̄ P̄ŌḠ ŌZ̄B̄ĪŪZ̄B̄L̄ ŪM̄ĀĀ

̄ḠL̄F̄P̄S̄ M̄P̄T̄ V̄ĒP̄,̄ X̄B̄S̄ Z̄ĒP̄,̄ K̄ĪX̄ ĀZ̄T̄Ḡ

̄ŪḠM̄V̄ŌP̄.̄ M̄P̄ M̄T̄ F̄B̄ḠF̄K̄B̄M̄ĪV̄ P̄Z̄ J̄ḠR̄Z̄L̄Ḡ K̄

̄F̄ĒF̄K̄.̄ X̄ĒB̄M̄ĪV̄ P̄ŌM̄T̄ P̄M̄L̄Ḡ,̄ P̄ŌḠ ŌZ̄B̄ĪŪZ̄B̄L̄'̄T̄

̄ŌḠK̄B̄P̄ K̄F̄F̄ḠK̄B̄T̄ K̄T̄ K̄ X̄K̄B̄Q̄ J̄ĀĒḠ,̄ F̄ĒĀT̄M̄ĪV̄

̄ĀM̄ĪḠ Z̄Ī M̄P̄T̄ J̄K̄R̄Q̄.