

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Magnetic Fields Extra Credit

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

magnetic field line  
kinetic energy  
magnetic pole  
transfer  
isolate  
refute  
model

potential energy  
magnetic field  
south pole  
variable  
attract  
system  
repel

magnetic force  
electromagnet  
north pole  
convert  
energy  
claim