

Name: _____

Date: _____

Off the Grid

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

charge by induction
electromagnetism
resistance
conductor
attract
proton

static electricity
thermal energy
transform
friction
neutron
input

charge by contact
kinetic energy
magnetism
boundary
output
repel

potential energy
magnetic field
insulator
electron
system
pole