

Name: _____

Date: _____

Thermal Energy

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

first law of thermodynamics

internal combustion engine

thermal insulator

thermal energy

specific heat

heat engine

temperature

convection

conduction

radiation

heat