

# Chapter 12

## Scientific Principles And Materials

Find the words in the grid. Words can go across, down and in the two forward diagonals.

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

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Acid material	Dynamometer	Kinetic energy	Radiation
Alkaline	Energy	Leverage	Root cause
Brake	Fahrenheit	Mass	Scientific method
Brake horsepower	First class lever	Mechanical advantage	Second class lever
BTU	Force	Newtons laws of motion	Third class lever
Caustic material	Fulcrum	pedal ratio	Torque
Celsius	Horsepower	pH	Weight
Conduction	Hypothesis	Potential energy	Work
Conductor	Inertia	Power	Wrought alloys
Convection	Insulator	Propagation	