

Name: _____

Date: _____

Simple Machines: by Walker Spruill

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

Mechanical advantage

Compound Machine

Wheel and Axle

Inclined plane

Pulley

Effort

Wedge

Screw

Lever

Gears

Load