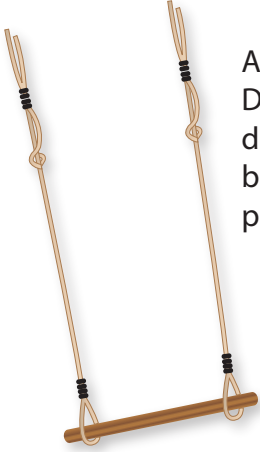


HIDDEN BALANCE



Acrobats and circus performers must understand the science of balance in order to perform. Different scientific principles are at play depending on the feats of balance displayed by different performers. Find and circle the hidden terms and performers in the word search below. Each circus performer will intersect with the scientific term most related to their performed skill.



Circus Performers:

- Tightrope Walker
- Juggler
- Trapeze Artist
- Unicyclist
- Walking Globe Artist

Scientific Terms:

- Pendulum
- Parabolic Arcs
- Weighted Balance
- Center of Gravity
- Inertia



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