

# Electric current and circuits

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

Electric current

Conducting wire

Closed switch

Open switch

Electrons

Resistor

Circuit

Battery

Bulbs

Cell