

# The Gold Foil Experiment

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

MANCHESTER UNIVERSITY  
CONCENTRATED MASS  
POSITIVE CHARGE  
HANS GEIGER  
DEFLECTION  
GOLD FOIL

ZINK SULFIDE SCREEN  
ERNEST RUTHERFORD  
ERNEST MARSDEN  
ATOM NATURE  
PHENOMENON  
NUCLEUS

RADIOACTIVE SOURCE  
ALPHA PARTICLES  
ATOMIC MODEL  
EMPTY SPACE  
ELECTRONS