

# Investigation and Experimentation

Name: \_\_\_\_\_

## Exploring Life Science Puzzle

Period: \_\_\_\_\_

Write the correct term from the word bank next to the definition, then find the term in the word search below. You can use Chapter 1, Sections 1 and 2 to help you.

- \_\_\_\_\_ the search for answers to questions in books, etc.
- \_\_\_\_\_ an experiment that tests only one factor at a time by comparing a control group with an experimental group
- \_\_\_\_\_ a series of steps scientists follow to answer questions
- \_\_\_\_\_ finding the answer to a specific question by conducting a carefully designed test
- \_\_\_\_\_ the study of living things
- \_\_\_\_\_ a testable idea or explanation that leads to scientific investigation
- \_\_\_\_\_ something in an experiment that can influence the outcome of the experiment
- \_\_\_\_\_ a factor that changes in an experiment in order to test a hypothesis
- \_\_\_\_\_ an area and its characteristics
- \_\_\_\_\_ taking note of something of interest by watching it



controlled experiment    environment    experimentation    factor    hypothesis  
life science    observation    research    scientific method    variable

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