



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

Class: \_\_\_\_\_

## 5.2 Living organisms have characteristics in common

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### Living or non-living?

In biology, we start to classify the things in the world according to whether they are living or non-living. Living things have special features that make them distinctly different from non-living things

- 1 All living things share eight key features. Complete the mnemonic (memory trick) below to outline the meaning of each feature. The first one has been done for you.

M	<i>Movement: Living things can MOVE by themselves</i>
R	
N	
G	
R	
E	
W	
W	

- 2 Are the following things **living** or **non-living**? Write your answers below. The first one has been done for you.

- |                   |               |            |       |
|-------------------|---------------|------------|-------|
| a a cat           | <i>living</i> | e salt     | _____ |
| b a drop of water | _____         | g bacteria | _____ |
| c an ant          | _____         | h grass    | _____ |
| d mould           | _____         | i computer | _____ |



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

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- 3 Light a candle and look at the candle flame. Describe how it carries out each of the eight key features.

M	<i>Movement: The flame flickers and moves</i>
R	
N	
G	
R	
E	
W	
W	



- 4 Look at your answers to the questions above. Do you think a flame is living or non-living? Why?

## WORD DETECTIVE

- 5 Word Search

Find the words listed in the puzzle below.

N H S M E M R B I V A S Z F Z	BACTERIA	MARS
G E C J F S A P Q I A T F K K	BREATHE	MICROSCOPE
S T G C U C M E D H C O W G Q	EARTH	OXYGEN
P P F Y T C V P H P N B Q J Z	EVOLVE	ROBOTS
V T A E X L I V I N G O L T U	GASES	ROVER
E J R C O O S F L M R R D B K	LIVING	SPACE
O I D V E Z V S Q I O F N U G		
A S E H T R A E W C V C P G Q		
O B R O E A Q C T R E U G V C		
R G I A O P O G O O R N I R G		
E H S W M Y D T D S F G T A D		
E H T A E R B J P C U H S M W		
K L H Z S W G O O O L E A W F		
F Z R X V F W A V P S P U G P		
H D E X F E C P B E U U R K K		