

What Are Living and Non-living Things?

A. Fill in the Blanks

Word Bank: **breathe** **food** **grow** **reproduce** **non-living**

1. Living things get bigger over time, which means they _____.
2. A rock is a _____ thing because it does not need energy or air.
3. Animals need to eat _____ to get energy.
4. To make more of their own kind, living things must _____.
5. Humans take in oxygen when they _____.

B. Match the Following;

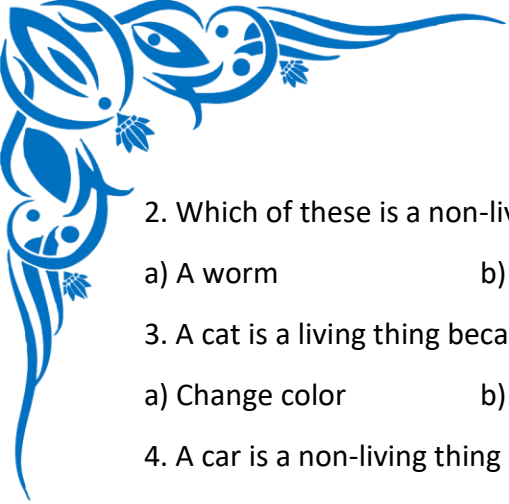
Column A (Characteristic)	Column B (Description)
1. Grow	A. Having babies or making seeds
2. Reproduce	B. Taking in air (like oxygen)
3. Move	C. Getting bigger and taller
4. Need Food/Water	D. Changing location on its own
5. Breathe	E. Getting energy to live and grow

C. Practice Problems

1. Look at the list below. Circle all the living things. Boy, Table, Grass, Computer, Butterfly, Clock, Dog, Mountain
2. Look at the list below. Circle all the non-living things. Flower, Rock, Ant, Book, Water, Baby, School Bus, Cloud
3. Is a sunflower living or non-living? Explain why.
4. Is a bicycle living or non-living? Explain why.
5. Sort the following items into the correct columns in the table below. Frog, Chair, Seed, River, Ladybug, Crayon

D. Warm-up Questions

1. Which of these is a living thing?
a) A rock b) A teddy bear c) A tree



2. Which of these is a non-living thing?

- a) A worm b) A pencil c) A bird

3. A cat is a living thing because it can:

- a) Change color b) Be bought in a store c) Grow and have kittens

4. A car is a non-living thing because it cannot:

- a) Move b) Reproduce (have babies) on its own c) Use energy

5. Which of these is a living thing?

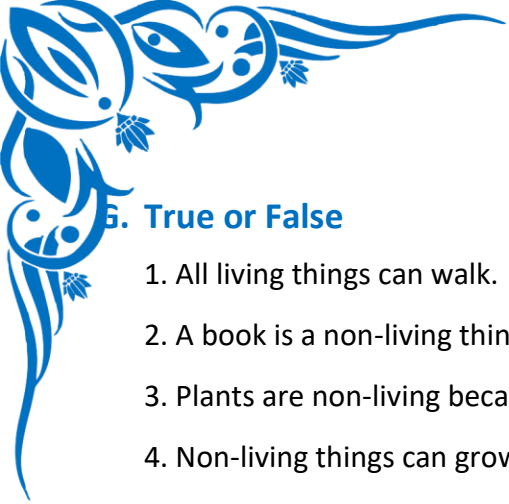
- a) A river b) A fish c) The sun

E. Challenge Questions

1. A car moves and uses fuel for energy, just like a person uses food for energy. Why is a car considered a non-living thing?
2. A dead leaf has fallen from a tree. Is the leaf living or non-living? Explain your answer.
3. A robot can be programmed to walk and talk. Is it a living thing? Why or why not?
4. What is the difference between a natural non-living thing (like a rock) and a man-made non-living thing (like a toy)?
5. A fire can grow, move, and needs oxygen (air) to survive. Why is it not considered a living thing?

F. Word Problems & Application

1. At the Park: Maya is at the park. She sees a dog chasing a ball, a boy flying a kite, birds in a tree, and a park bench. List two living things and two non-living things Maya sees.
 - Living: _____
 - Non-living: _____
2. The Aquarium: Leo has a new aquarium. Inside, there is a goldfish, a snail, water, colorful gravel, and a plastic castle. Which things in the aquarium are living?
3. Planting a Seed: You plant a bean seed in soil. You give it water and sunlight. After a week, it sprouts and begins to grow into a plant. This shows that a seed is a living thing. What three things did the seed need to show it was alive? _____, _____, and _____
4. My Pet vs. My Toy: Compare a real puppy to a stuffed animal puppy. Give one reason why the real puppy is living and the stuffed animal is not.
5. On a Hike: While hiking, you see a lizard sunbathing on a warm rock. Why is the lizard a living thing and the rock a non-living thing?



5. True or False

1. All living things can walk.
2. A book is a non-living thing.
3. Plants are non-living because they don't move.
4. Non-living things can grow and have babies.
5. A river is a living thing because it moves.
