

Living and Non-Living Things

Science and Technology · Year 3

Name: _____

Date: _____

Spotting living things

Living things grow, need food and water, and make young (reproduce). Word bank: grows, eats, drinks, makes young, does not grow. Example: A puppy is living because it grows and needs food. Now try these.

1. Which of these is a feature of a living thing?

☒ A It grows

☐ B It never changes

☐ C It is hard

☐ D It is made by people

2. Which one needs food and water to stay alive?

☒ A A sunflower

☐ B A toy car

☐ C A rock

☐ D A pencil

3. Write down two things that all living things do.

Look for: any two features such as grows, needs food, needs water, reproduces (makes young),

breathes or moves. Sample: They grow and they need food and water.

4. Circle the living things in this list, then write them on the line: tree, bicycle, ant, chair, goldfish.

tree, ant, goldfish

Finished early? Challenge

Use what you know about living things. Write two to four sentences. Start with the sentence starter and give a reason.

5. A seed looks like a tiny stone, but it is living. Explain why a seed is living and a stone is not. Start with: A seed is living because ...

Look for: seed can grow into a plant when given water; seed will make new seeds (reproduce) later; stone does not grow, need water or make young. Sample: A seed is living because it grows into a plant when it gets water. A plant makes new seeds. A stone does not grow or need water, so it is non-living.

6. A robot toy can move and make sounds. Is it living? Write two to four sentences. Start with: The robot is not living because ...

Look for: says non-living; moving is not enough; it does not eat, drink, grow or reproduce; it needs batteries or is made by people. Sample: The robot is not living because it does not grow or eat food. It only moves because it has batteries. It cannot make baby robots by itself.

7. Name one non-living thing that looks like it moves or grows by itself, and say why it is still non-living.

Look for: a sensible example (cloud, fire, river, car, wave); a reason that it does not need food, grow like a living thing, or reproduce. Sample: A cloud changes size and moves, but it does not eat or make young, so it is non-living.