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How to Use This Book

Welcome to Learning About Science for Young Learners! The purpose of this unit is to help you introduce your children to types of animals, what makes different types of animals special, how they live, and some of the many different habitats they live in. Each topic is broken into short, bite-sized pieces accompanied by simple activities. You can work through the entire book or simply choose to focus on specific topics. If you choose to work through the entire unit, there are 60 daily lessons, broken into twelve weeks of five days each. Each week has four days of science and activities and one day of review. The final week is a review week for the unit.

Week One:	What is Science and Living vs. Nonliving
Week Two:	Vertebrates, Skeletons, and Fish
Week Three:	Mammals
Week Four:	Birds
Week Five:	Reptiles
Week Six:	Animal Babies
Week Seven:	Animal Habitats: Farm
Week Eight:	Animal Habitats: Desert and Ocean
Week Nine:	Animal Habitats: Forest and Mountains
Week Ten:	Invertebrates and Spiders
Week Eleven:	Insects
Week Twelve:	Review

I hope you enjoy Learning About Science for Young Learners!

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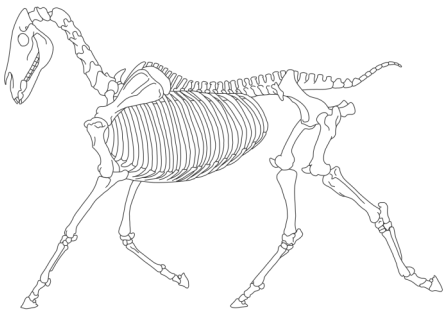

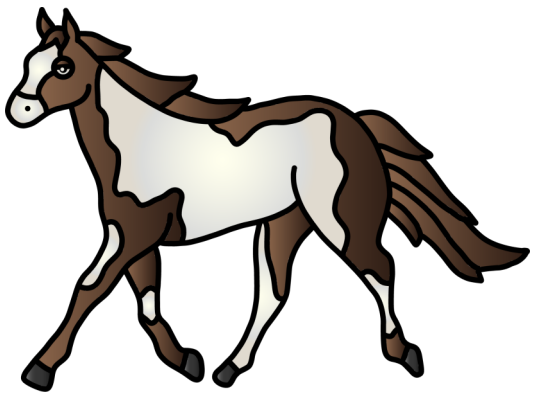

What Is Science?

Do you know what science is and why it is important?

Science is a way we can study what is going on around us. When we study science, it helps us understand things like why it is warmer to stand in the sun than it is to stand in the shade. There are many other things you can learn and understand when you study science, too.

One thing you can learn from science is what type of homes different animals like to live in. That can help you take better care of a pet.

You can also learn about water freezing in the winter time. That helps you know when to watch out for any ice when you are outside.

If you have plants at your house, you can learn things from science to help you take better care of them.

Another thing science can help you learn is how some kinds of simple machines can make work easier.

Let's get started learning about science.

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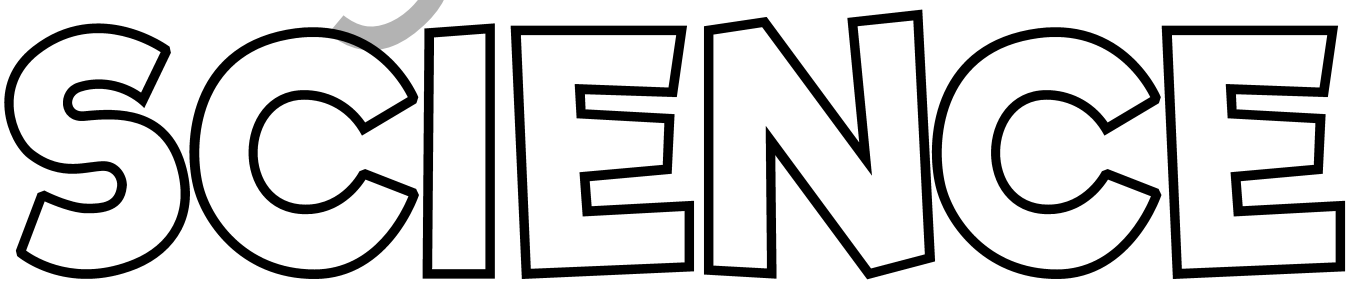
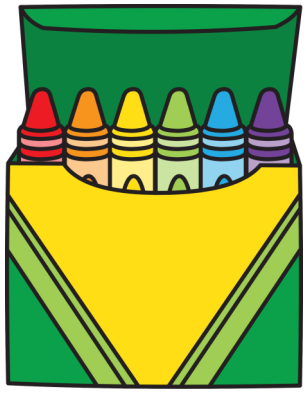


Is It Living?

Do you know how to tell if something is alive or not alive? In science, we say that some things are living things and some things are nonliving things.

Living things need air, food, and water to live. Plants are living; they need air, water, and sunlight to live. Plants make their own food. They use the air, water, and sunlight to do it.

Let's ask some questions to find out if something is living.



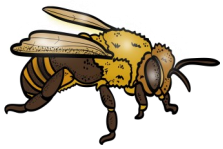
Do your crayons need food?

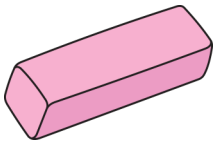
Do your crayons need water?

Do your crayons need air?

Did you answer yes to any of those questions? Of course not! That is because crayons are not living, so they don't need any of those things.

Look at the pictures below. Make an X through any of the pictures of things that are nonliving (not living). If you are not sure, ask yourself the questions we asked about the crayons to help.





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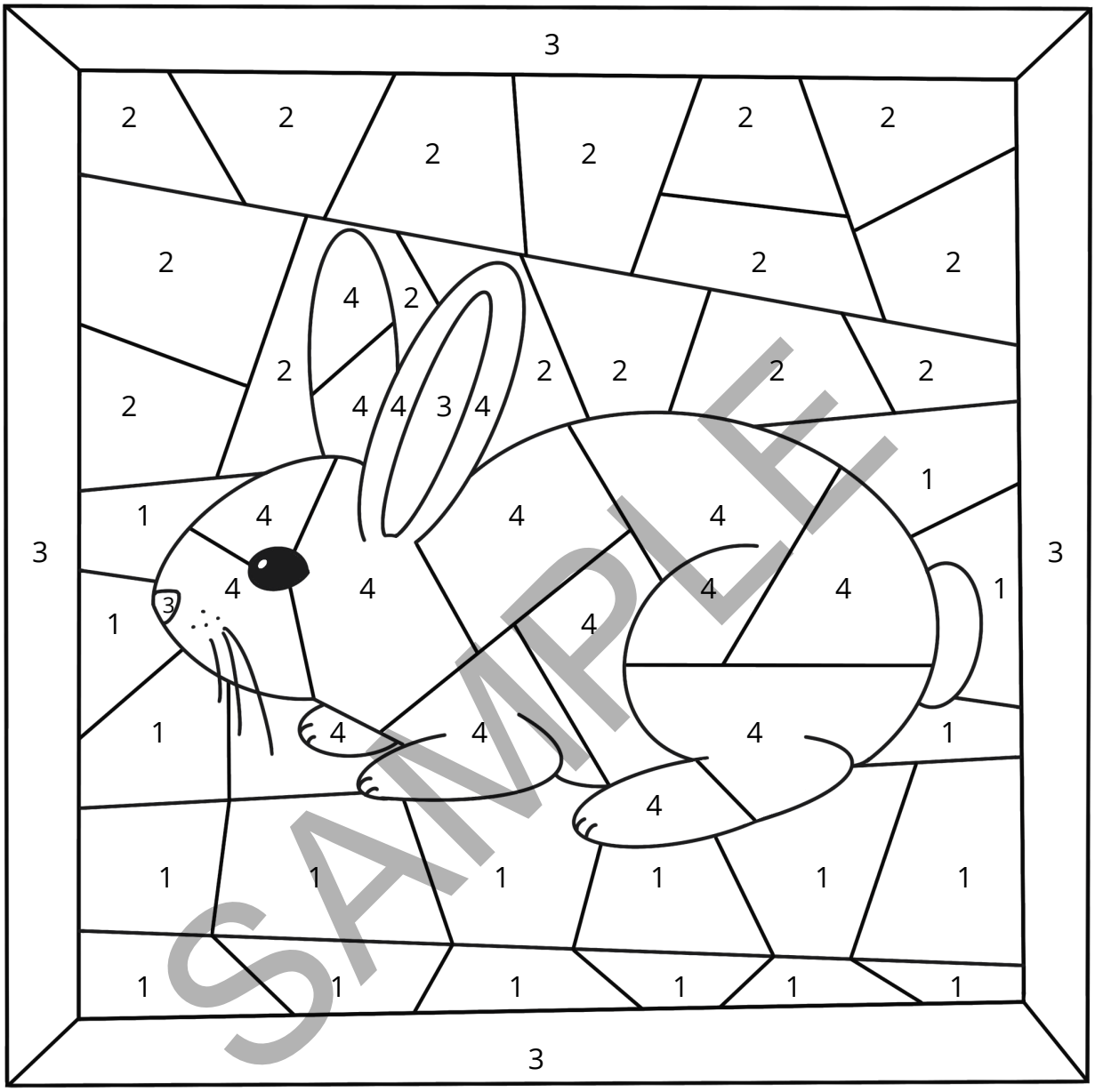
What Am I?

Follow the directions below to color the picture.



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I like to eat vegetables like lettuce. If the space has a 1 in it, color it green like the color of lettuce.

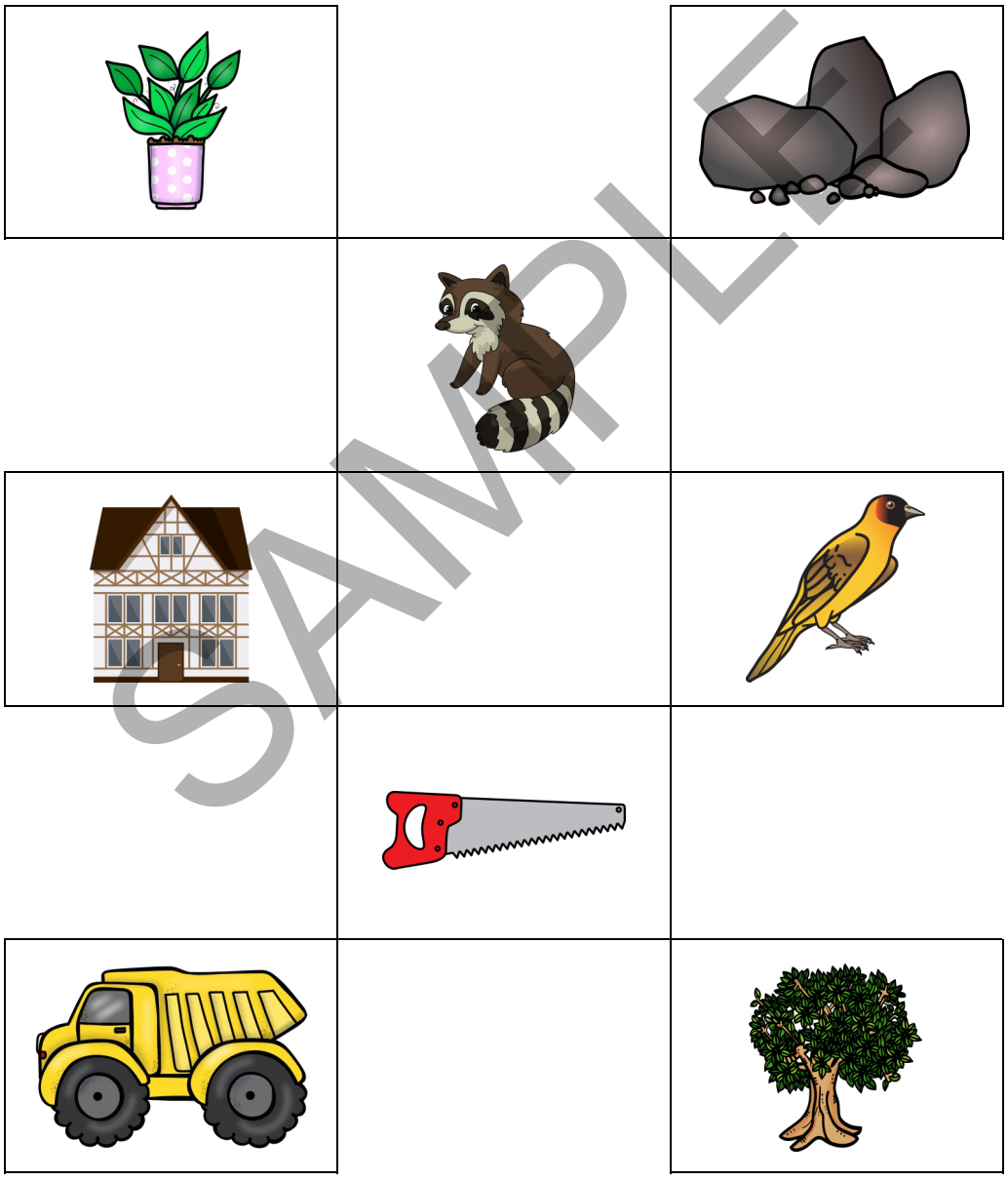
I like to drink water. If the space has a 2 in it, color it blue like the color of the ocean.

I need air to breathe so I can live. Air doesn't have a color, but if the space has a 3 in it, color it pink.

I like to dig in gardens. If the space has a 4 in it, color it brown like the dirt.

Living or Nonliving?

Look at the pictures in the boxes. Cut out the boxes with pictures. Paste the boxes in the empty squares on the next page. Paste the pictures of living things in the boxes that have an “L” beside them. Paste the pictures of nonliving things in the boxes that have an “N” beside them.



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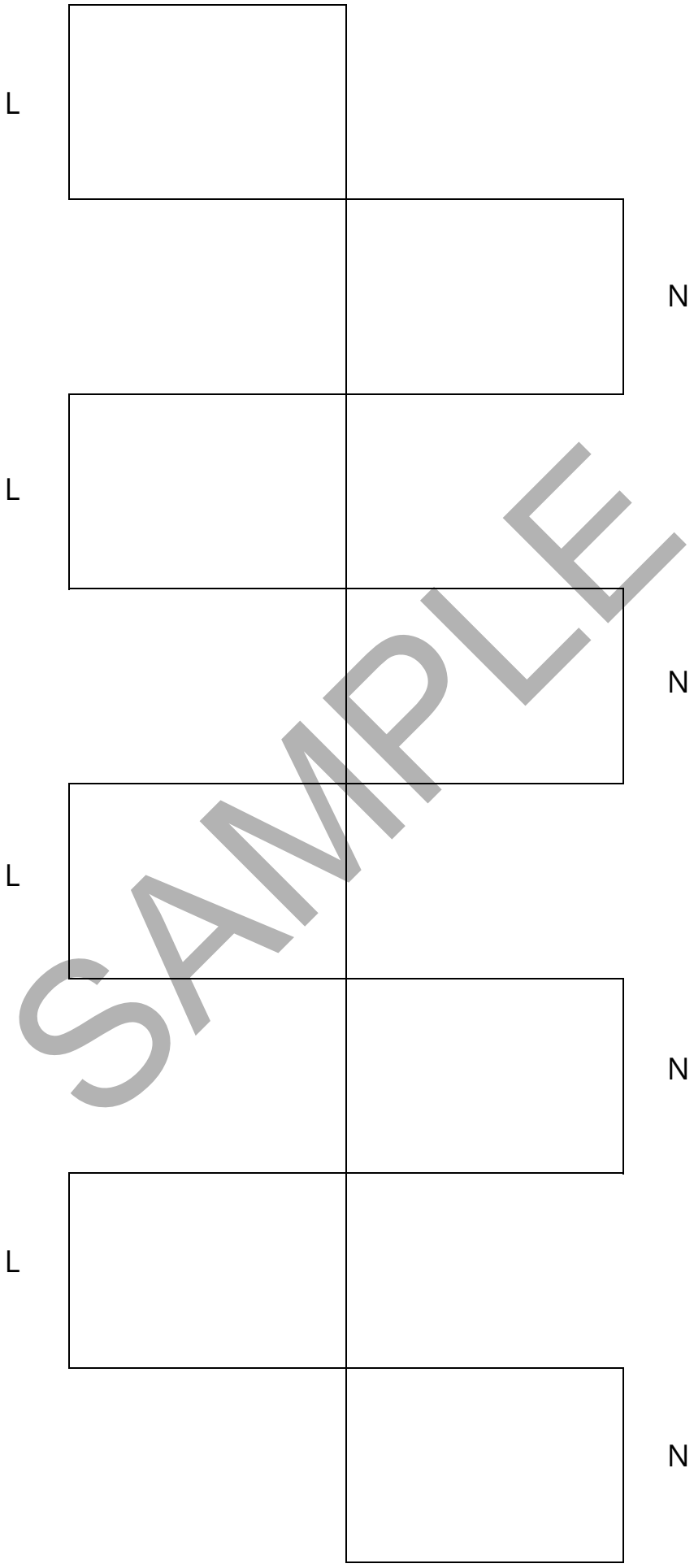

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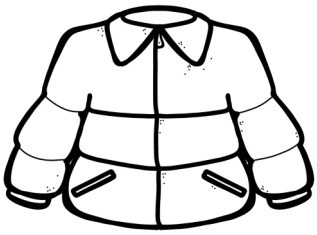
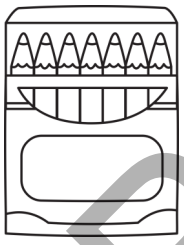
What Is Science? Living and Nonliving
Let's Review

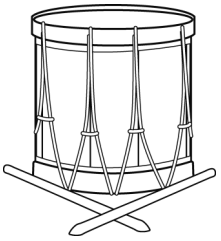
1. _____ is a way we can study what is going on around us. Color the correct answer.

Exercise Science

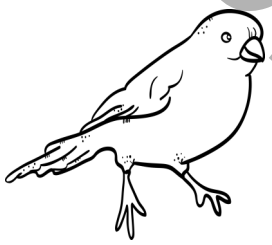
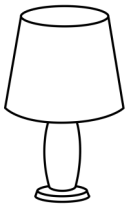
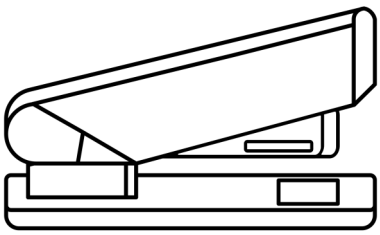
2. Which of these is something every living thing needs? Color the correct answer.

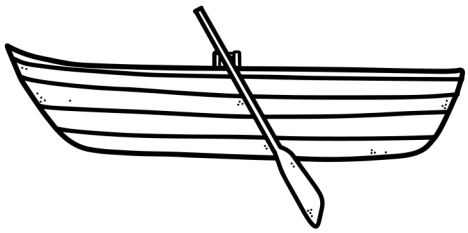
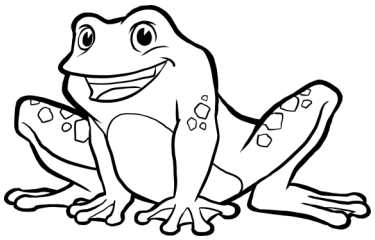
3. Which of these is something every living thing needs? Color the correct answer.



4. Which of these is a living thing? Color the correct answer.

5. Which of these is a nonliving thing? Color the correct answer.

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