

# LIVING NONLIVING A SCIENCE UNIT

Hands-on learning  
all about living and  
nonliving things!



*scroll*  
to take a  
peek  
inside

**PRE-K** 21 activities

# Here is what is included:

- ✔ Lesson plans for a week
- ✔ PowerPoints and printable posters
- ✔ Teacher resources to make instruction easier
- ✔ Living and nonliving things sort and worksheets
- ✔ Emergent readers and interactive readers
- ✔ STEM activity and fingerplay
- ✔ Writing center and Bingo game  
...and SO much more!

# Here is a Sneak Peak:



Engage your students in hands-on learning and exploration all about living and nonliving things!

# Take a Closer Look:



ocean powerpoint



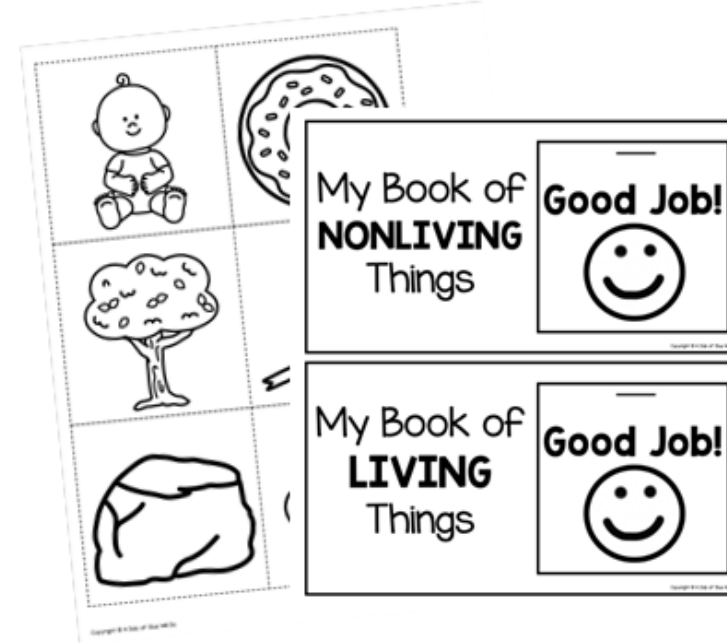
living nonliving reader



living nonliving sort



sort worksheets



living nonliving flipbooks



scavenger hunt

# Take a Closer Look:



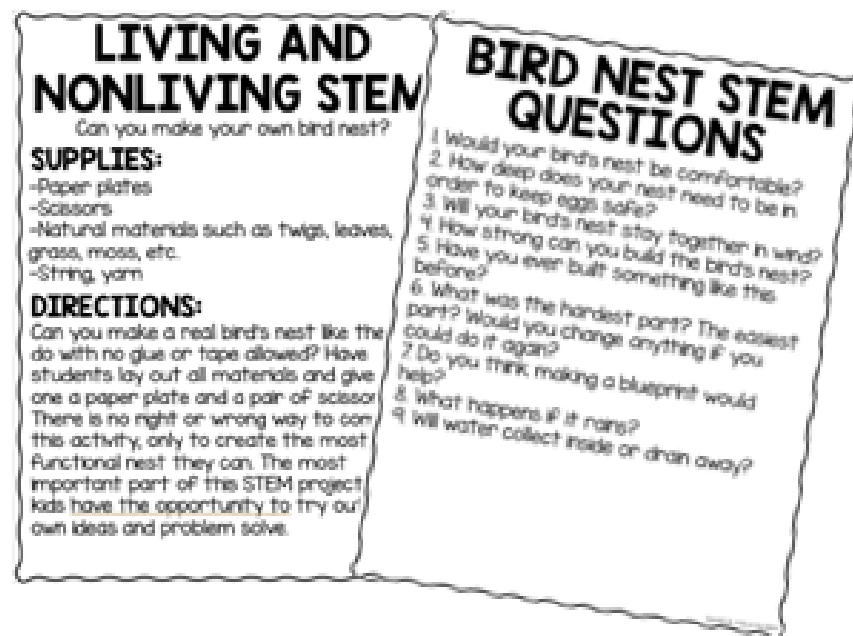
definition posters



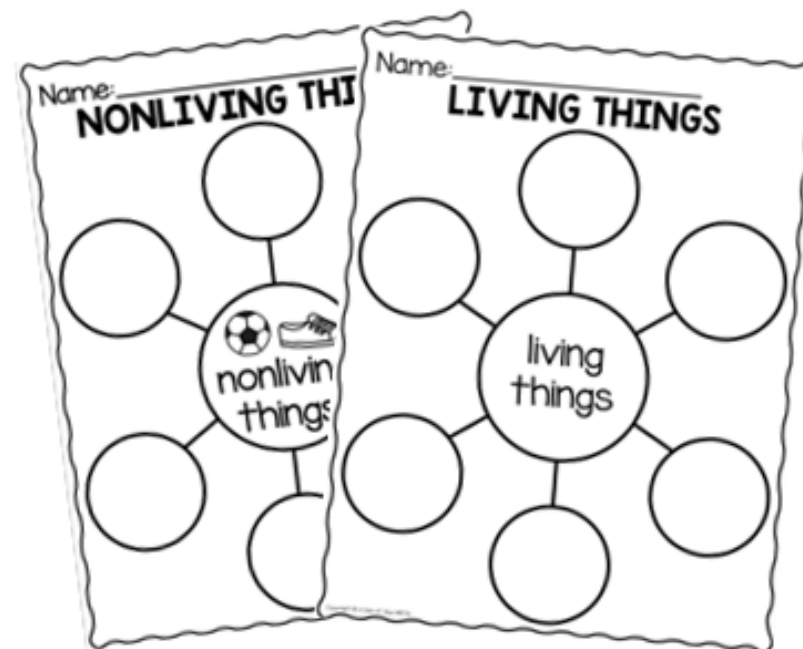
writing center



word wall



STEM activity



circle maps



bingo game

# Take a Closer Look:

**LIVING NONLIVING**

**MATERIALS needed**

- Living and Non-Living things books (see list)
- construction paper
- copy paper
- scissors
- glue
- stapler
- stencils
- coloring tools
- gummy worms
- real earthworms or videos of earthworms

**M Monday**

**INTRODUCTION**

- Complete Living and Nonliving PowerPoint
- Complete emergent reader
- Show students pictures from the sort and ask if they are living or non-living. Use the checklist provided
- Complete Living Things Read Worksheet
- Each Day please see our selection of Living Non-living songs, books, and videos!

**T Tuesday**

**LIVING AND NON-LIVING SORT**

- Read a nonfiction book about living things
- As a class, complete Living and Non-living Sort
- Complete worksheet

**W Wednesday**

**LIVING NONLIVING BEAR CRAFT**

- Read a nonfiction book about living things
- Complete living / non-living Bear Craft
- Show students sort through living and non-living pictures and staple book to the correct bear
- Please note that instead of craft, you can use flip books

**Th Thursday**

**SCAVENGER HUNT**

- Read a nonfiction book about living things
- Go on a scavenger hunt and complete worksheet
- Make a living and non-living class book

**F Friday**

**GUMMY WORM EXPERIMENT**

- Read a nonfiction book about living things
- Review checklist for what makes something living or non-living
- Complete Gummy Worm Experiment

lesson plans

*science*: **Living & Nonliving**

**Dear Families,**

We are learning all about things that are living and nonliving in the classroom this week. We are studying the difference between each category, characteristics of each, as well as some examples of each. Introducing students to living and nonliving things is an important lesson in life science but can also help students make sense of the world around them.

**At-Home Activity:**

To learn more about living and nonliving things at home, find an old magazine and cut out pictures. Then sort and glue them to a sheet of paper with Living on one side and Nonliving on the other. Which side has more? Which side has less? Are they equal? Discuss some of the photos with family members.

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at-home letter

**TEACHER GUIDE for LIVING NONLIVING**

Here on earth, all around us, we can find many things. Objects, animals, people, landforms, etc. These things can be categorized into two different categories: Living and non-living things.

**LIVING THINGS**

- All living things share the same basic characteristics of life.
- The five characteristics used to define life are:
  - They are made up of one or more cells
  - They need energy to stay alive
  - They respond to stimuli in their environment
  - They grow and reproduce
  - They maintain a stable internal environment

**CELLS**

- Cells are the smallest unit that can live on its own.
- Cells make up all living organisms and tissues in the body.
- A cell has three parts: the cell membrane, the nucleus, and the cytoplasm.

**DID YOU KNOW?**

- Some living things, like bacteria, are single-celled organisms, made of only one cell.
- Humans are multicellular organisms, composed of trillions of cells.

Living things require energy to survive, but the way that energy can differ. Living things that produce their own energy, use sunlight for energy in a process called photosynthesis to make their own food. Plants are living things that obtain their energy by using sunlight and carbon dioxide from the air, and animals are consumers. They must eat other living things (eat only plants and meat) to get their energy. Mushrooms are decomposers, or they break down dead organic matter to get their energy. Living things make up the different levels of life.

**HOW DO THEY RESPOND TO STIMULI?**

Stimuli are changes in the environment that cause an organism to respond. This reaction is called a response.

Five ways to receive information so that organisms can respond to their environment are: eyes, ears, mouth, nose, and skin, etc. that help us use our senses to receive information from the environment. Humans have similar senses to other organisms, but their senses that help them respond to their environment.

teacher guide

**SCIENCE CENTER for LIVING-NONLIVING**

**GETTING STARTED**

Fill your center with lots of fun materials that your kids can use to investigate and explore living and nonliving things. Don't forget to include some books and vocabulary cards.

**SHARING TIME**

In a group setting of your choice ask, "Who were my scientists today?" At this time those who went to the science center have a chance to tell the class what they discovered or observed and any questions they may have. We have a list of open-ended questions in this unit.

IF a child makes an exciting discovery in the science center, they will surely want to share it with everyone, and it just can't wait! At this time, you can ask classmates to join you near the science center so your little scientist can share their findings and enthusiasm in just a short minute or two.

scientist can share their findings and enthusiasm in just a short minute or two. You will need to come up with a sign or chant that designates that it is time for the kids to congratulate the scientist and also return to their center. It can be as simple as a fist bump, high five, thumbs up or a saying like, Good Job, Good Job Hey! Our student's enthusiasm in the science center will entice others to go there tomorrow.

science center

**QUESTIONS TO ASK for LIVING-NONLIVING**

1. Can you recall at least two things that living things do?
2. Can you describe a characteristic of a living thing? Of a nonliving thing?
3. What do you think are the most important things that need in order to grow?
4. Why do you think a dinosaur is characterized as a living thing?
5. Can you name three living things?
6. Can you name two nonliving things and why are they classified as nonliving?
7. Can you recall a time when you were sheltered from a storm? Describe what happened! How did you feel?

**SCIENCE talk**

How would you know \_\_\_\_\_?

Why do you think that \_\_\_\_\_?

What else might have caused \_\_\_\_\_?

How can you explain your findings? Recall in your own words.

How was it different than \_\_\_\_\_?

How will you know if \_\_\_\_\_?

Do you think you could \_\_\_\_\_?

How did you decide \_\_\_\_\_?

Can you tell me about that? How does that work?

Can you draw me a picture of your findings?

What will happen if \_\_\_\_\_?

What do you think is most important? What happened when \_\_\_\_\_?

What would you change if \_\_\_\_\_?

How is this similar to something else you know?

Can you think of another way \_\_\_\_\_?

Create a new solution.

How would you handle this problem/challenge/question?

science questions

**LIVING NONLIVING VIDEOS**

To help you with your planning of your Living Nonliving Unit, we have curated a list of our favorite living nonliving **VIDEOS!**

Click anywhere on the page to be taken to our Amazon Favorites.

**LIVING NONLIVING BOOKS**

To help you with your planning of your Living Nonliving Unit, we have curated a list of our favorite living nonliving **BOOKS!**

**LIVING/NON LIVING SONGS**

To help you with your planning of your Living and Non Living Unit, we have curated a list of our favorite living and non living **SONGS!**

**LIVING THINGS**

**LIVING THINGS GROW AND CHANGE**

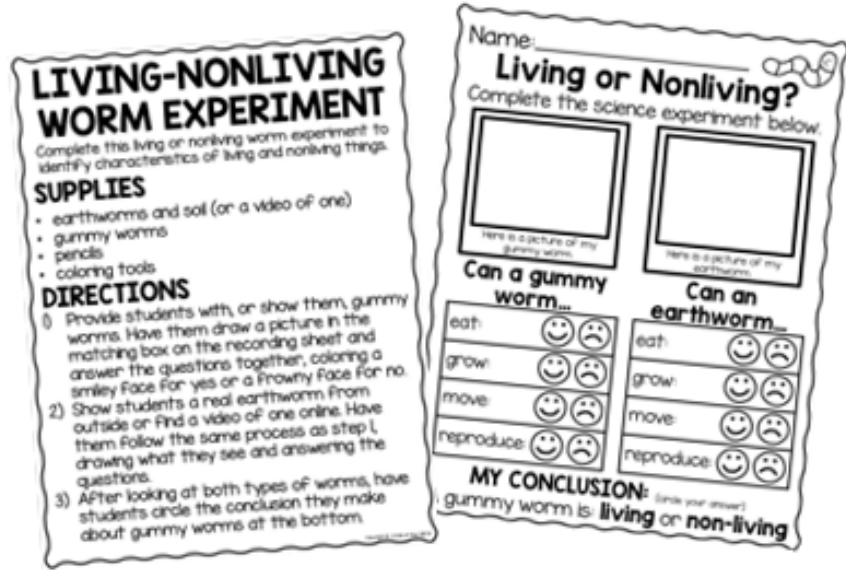
**LIVING OR NON-LIVING?**

**LIVING THINGS**

**LIVING & NON LIVING SONG**

resource lists

# Take a Closer Look:



worm experiment



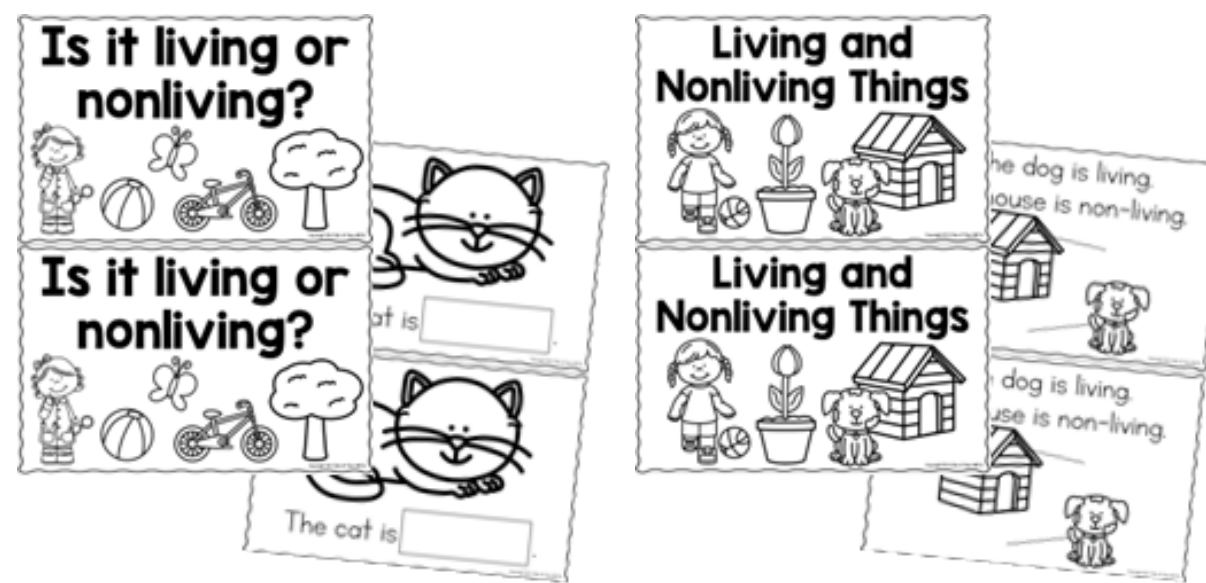
living/nonliving crafts



class book



needs worksheet



interactive readers



and so much more!

# Why Teachers LOVE it:



## OPTIONS

- ✓ Variations for differentiating
- ✓ Printables in color and B&W



## EASY TO USE

- ✓ Teacher Guide
- ✓ Lesson Plans
- ✓ Cross-curricular activities



## ENGAGING

- ✓ Real Pictures
- ✓ Fun Crafts
- ✓ Hands-on Activities



# What Teachers Are Saying



“A must have! A fabulous resource for introducing living and non-living. The graphics are vibrant and activities engaging for students.” -Diana G.



“My students loved using this resource. We loved the pictures and activities. Thank you!” -Leonor M.



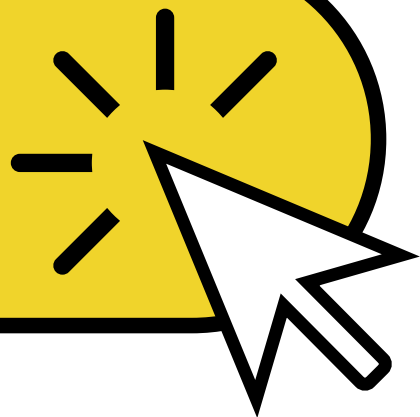
“This unit is perfect for my students! I love all the readers and activities and the information is presented in such a kid friendly way.” -Selma J.



# Buy the bundle and SAVE!

- ✔ Save over \$190
- ✔ Get over 50 units
- ✔ Includes over 20 animal studies

**CLICK HERE**



## ENDLESS SCIENCE mega bundle



# meet the team

I'm Jennifer... I am the founder and creator of A Dab of Glue Will Do and Dollar Teachers Club. I taught Kindergarten and 1st grade. I have a stash of chocolate in my desk and a Starbucks tea in my hand to keep me going. I love reading and watching my kiddos play soccer and do taekwondo.

*jennifer*



Here at A Dab of Glue Will Do, our team makes the lives of busy teachers a little easier by creating meaningful classroom resources to engage, encourage, and meet the needs of their little learners.

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**DOLLAR TEACHERS club** 



# Let's Connect!



Did you know we send out freebies and teacher tips every Sunday? Want to be the first to know when we have a new product, sale, or special event?

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