

LIVING NONLIVING A SCIENCE UNIT

Hands-on learning
all about living and
nonliving things!



KINDER 25 activities

scroll
to take a
peek
inside

Here is what is included:

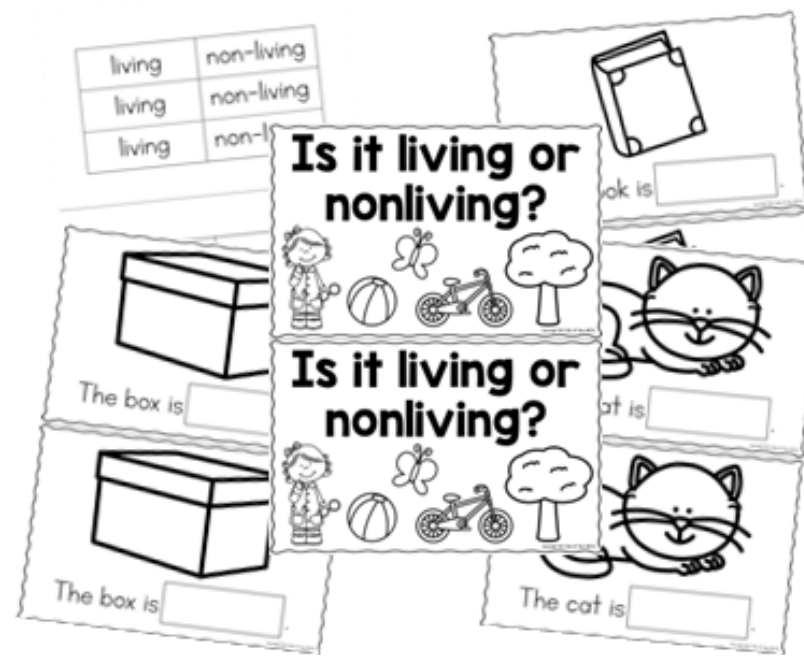
- ✔ Week-long lesson plans
- ✔ PowerPoints and printable posters
- ✔ Teacher resources to make instruction easier
- ✔ Living and nonliving things worksheets and sorts
- ✔ Plant and animal needs activities
- ✔ Hands-on crafts and STEM activity
- ✔ Emergent and interactive readers
...and SO much more!

Here is a Sneak Peak:



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

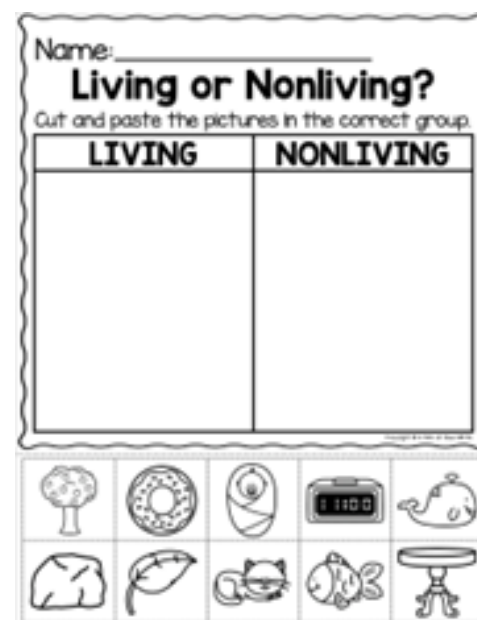
Take a Closer Look:



living nonliving powerpoint

living or nonliving reader

living or nonliving sort

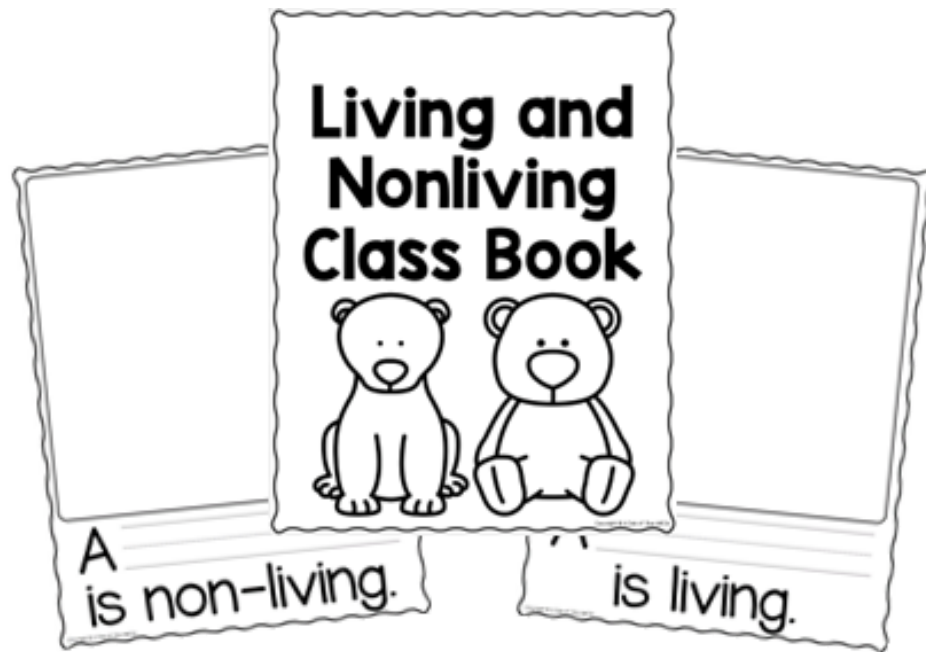


checklist worksheet

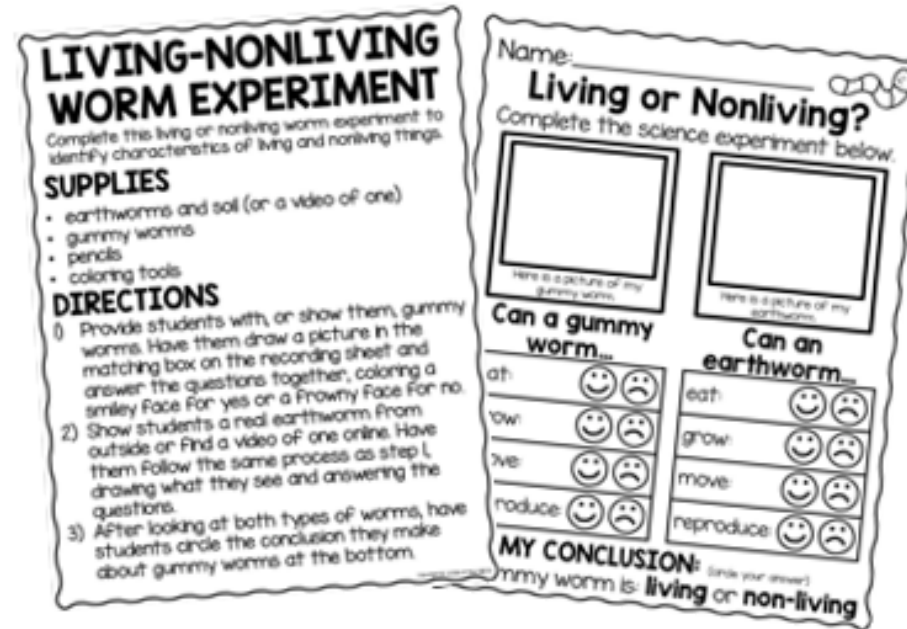
sort worksheet

scavenger hunt

Take a Closer Look:



class book



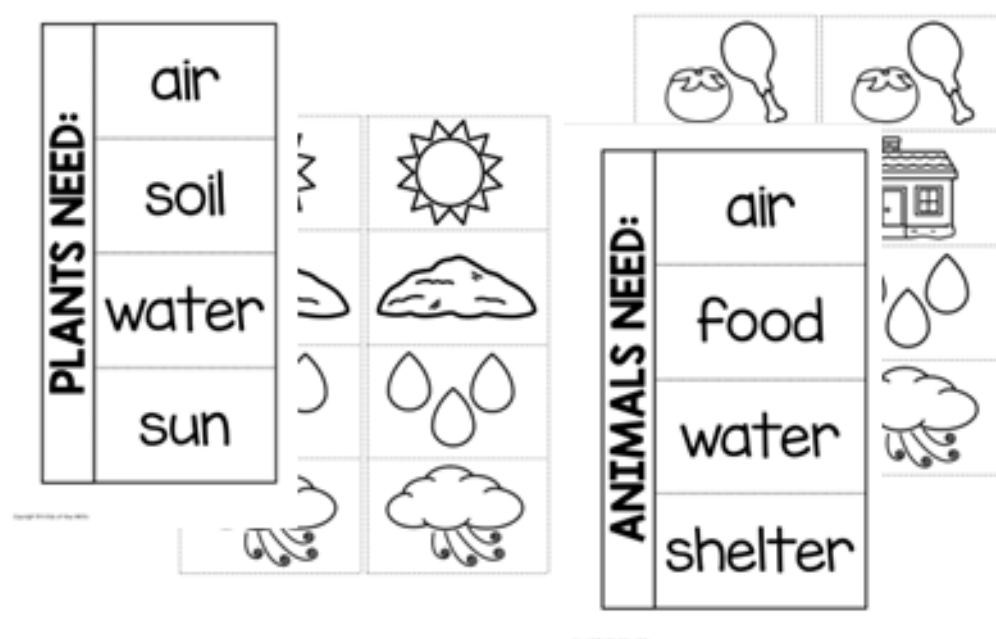
worm experiment



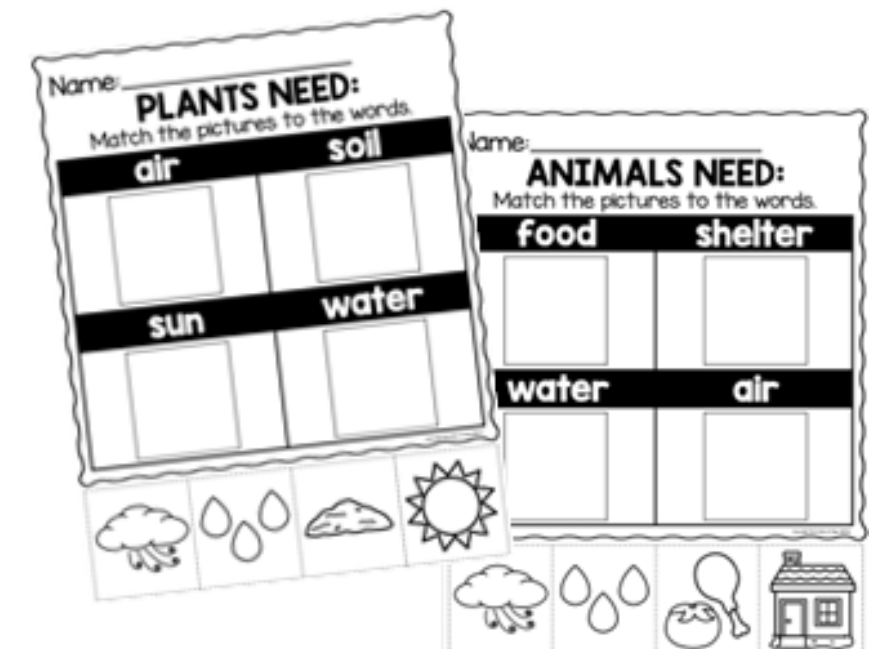
living things flip book



needs powerpoint



plant & animal flip books



needs worksheets

Take a Closer Look:

LIVING NONLIVING	
MATERIALS needed <ul style="list-style-type: none">Living and Non-Living things books (see list)construction papercopy paperscissorsgluestaplerstapleParcelscoloring toolsgummy wormsreal earthworms or videos of earthworms	
M Monday	INTRODUCTION <ul style="list-style-type: none">Complete Living and Nonliving PowerPointComplete emergent readerShow students pictures from the sort and ask if they are living or non-living. Use the checklist providedComplete Living Things Need Worksheet Each Day please see our selection of Living Non-living songs, books, and videos!
T Tuesday	LIVING AND NON-LIVING SORT <ul style="list-style-type: none">Read a nonfiction book about living thingsAs a class, complete Living and Non-living SortComplete worksheet
W Wednesday	LIVING NONLIVING BEAR CRAFT <ul style="list-style-type: none">Read a nonfiction book about living thingsComplete living / non-living Bear CRAFTHave students sort through living and non-living pictures and staple book to the correct bearPlease note that instead of craft, you can use flip books
Th Thursday	SCAVENGER HUNT <ul style="list-style-type: none">Read a nonfiction book about living thingsGo on a scavenger hunt and complete worksheetMake a living and non-living class book
F Friday	GUMMY WORM EXPERIMENT <ul style="list-style-type: none">Read a nonfiction book about living thingsReview checklist for what makes something living or non-livingComplete Gummy Worm Experiment

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.

Copyright © A.D. of the NEDs

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. Animals, or both, cannot make their own energy, (eat only plants) consumers. They may eat plants, (eat plants and meat) carnivores like mushrooms are decomposers, or they break down dead organic matter to their own food. Living things make up the different levels of an ecosystem.

HOW DO THEY RESPOND TO STIMULI?

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

HOW DO THEY REPRODUCE?

Reproduction is the process by which organisms produce offspring. Some organisms, like bacteria, can reproduce asexually, meaning they can produce offspring on their own. Other organisms, like humans, reproduce sexually, meaning they need two parents to produce offspring.

lesson plans

at-home letter

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.

QUESTIONS TO ASK for LIVING-NONLIVING

SCIENCE talk

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

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?
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?

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 SONG

science center

science questions

resource lists

Take a Closer Look:



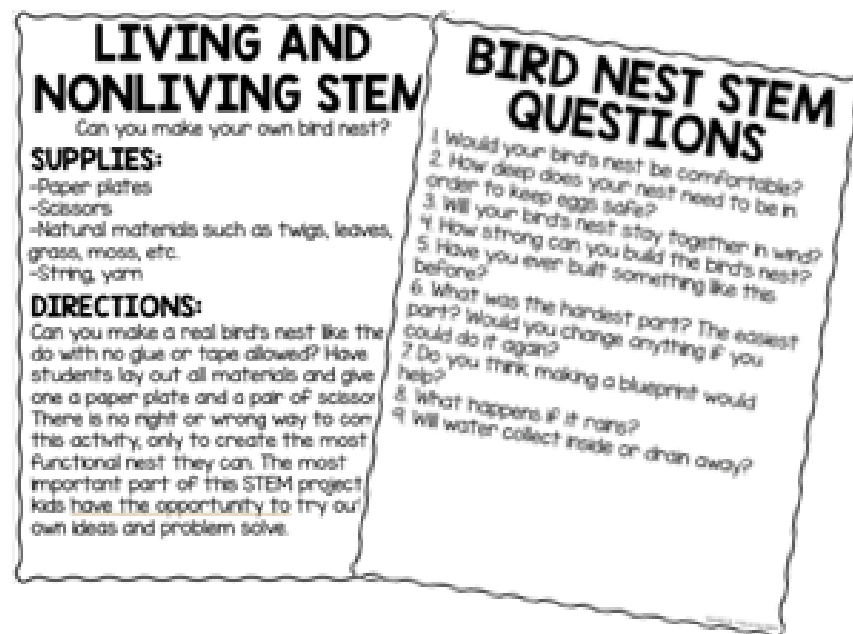
definition posters



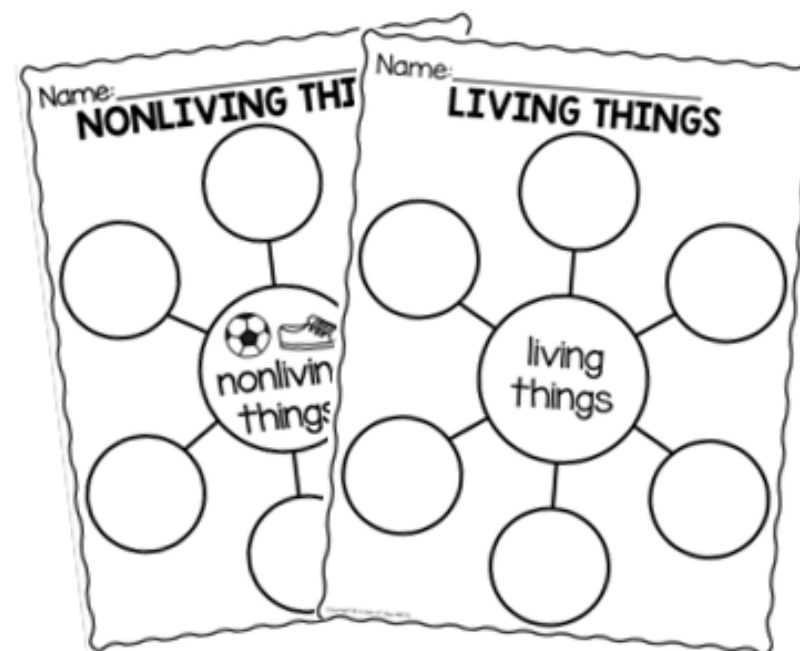
writing center



word wall



STEM activity



circle maps



bingo game

Take a Closer Look:



living nonliving reader



interactive reader



living things readers



living nonliving crafts



nonliving things reader



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



“I love your science units! I use that they provide everything I need. I love the variety of activities and emergent readers.” -Beth T.



“Such a comprehensive and complete resource. Such cute activities and resources. Very happy with this purchase.” -Sonia P.



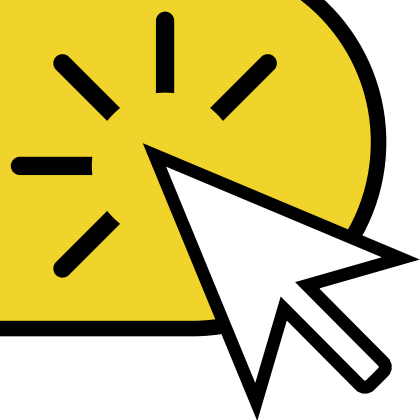
“This is such a great unit-it has everything you need! The activities are fun and engaging, and everyone loves science time!” -Holly M.



Buy the bundle and SAVE!

- ✔ Save \$320
- ✔ Get over 50 units
- ✔ 12 months of science experiments

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.

When you purchase from us, know that you're getting quality products made by teachers, for teachers. Customer service is our top priority, so please reach out to us with any questions or concerns.



Join the Club!

When you join the Dollar Teachers Club, you get access to all of the printable AND digital products we've ever made, all of our freebies, exclusive members-only monthly resources, and lots more, all in ONE place. Save money, stress, and lots of time, and join the Dollar Teachers Club today!

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?

Click the button below to join our community.

