



Science Virtual Learning

2nd Grade

Growth of Plants

April 13, 2020



2nd grade Science
Lesson: April 13th

Learning Target:

1. Students will classify things as living or nonliving.
2. Students will identify the basic needs of a plant.

Background: Review this vocabulary before starting today's lesson!

- **Classification:** Determining what category things fit into according to their characteristics.
- **Living:** Things that eat, grow, respond and reproduce, or once did those things.
- **Non-living:** Things that do not eat, grow, respond or reproduce, and never did.



Listen to this story about classifying living and nonliving things!

Use your prior knowledge!
What makes things **living** or **nonliving**?

Click Here!

[Living Things and Non-Living Things](#)



Let's Get Started!

Watch this video to learn how to classify living and nonliving things!

What makes something **living**, or **nonliving**?
Follow these rules to find out!

Click Here!

[It's Alive!](#)



Engage: Practice #1

Classify: Is it living?

Living things
**grow and
change!**

A living thing does all 4 of these things!

Living things
reproduce!

Living things
respond
to the world
around them!



Living things
need
**nutrients
and energy!**

Engage: Practice #1

Classify

Correct! This plant is **living**!

It can grow, it can reproduce, it can respond, and it needs energy to grow!



A living thing must say yes to all four questions!

Fun Fact: It is also classified as living if it is dead, and used to be alive!

Practice #2:

Is this grass living or nonliving?

This brown grass is
“dead”.

Did this plant used to
be alive?

**Nonliving things
were never alive.**

So is the dead grass
living or non-living?



Practice #2:

Is this grass living or nonliving?

CORRECT! This grass is considered **living**, because it used to be alive!

Nonliving things are not alive, and were never alive!



Practice #3:

Are these acorns living or nonliving?

These acorn seeds have not grown or changed yet.

Are they living or nonliving?

Why or why not?



Practice #3:

Are these acorns living or nonliving?

Correct! They are **living**. They are a baby plant waiting to grow!

They are just still sleeping!



Practice #4:

Are these rocks living or nonliving?

Do they **grow**?

Do they **respond**?

Do they **reproduce**?

Do they need **energy**?



Practice #4:

Are these rocks living or nonliving?

Correct! They are
nonliving!

They cannot grow,
reproduce, respond
and they do not need
energy!



Practice #5:

Are trees living or nonliving?

Do they **grow**?

Do they **respond**?

Do they **reproduce**?

Do they need **energy**?



Practice #5:

Are trees living or nonliving?

Correct! Trees are **living!**

They can grow, reproduce, respond and they do not need energy!



Practice #6:

Is water living or nonliving?

Does water **grow**?

Does water **respond**?

Do water **reproduce**?

Does water need **energy**?



Practice #6:

Is water living or nonliving?

Correct! Water is
nonliving!

It cannot grow,
change, reproduce,
and it does not need
energy.



Practice on your own!

Think about what you learned about living and non-living things!

Take this quiz on your own!

See the next slide for answers!

LIVING AND NON-LIVING

Decide if the following questions are true or false!
Circle your answer!

1. Living things need water.

True - False

2. Living things need nutrients.

True - False

3. Non-living things can grow and change.

True - False

4. Living things can reproduce.

True - False

5. Second graders are living things.

True - False

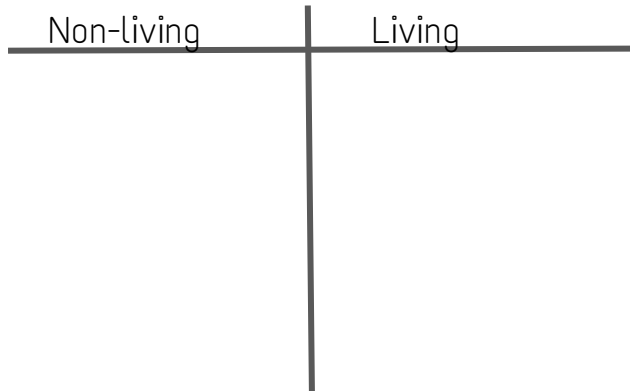
Draw something that is Living

Draw something that is Non-living

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Answer Key:

1. True
2. True
3. False
4. True
5. True



LIVING AND NON-LIVING

Decide if the following questions are true or false!
Circle your answer!

1. Living things need water.
True - False
2. Living things need nutrients.
True - False
3. Non-living things can grow and change.
True - False
4. Living things can reproduce.
True - False
5. Second graders are living things.
True - False

Draw something that is Living

Draw something that is Non-living

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Self Check:

Go tell someone in your home your answers.



1. Was this lesson _____ ?

easy

just right

hard

1. Find 5 things inside or outside of your house and decide if they are living or nonliving!