



# INCORPORATING NATURE IN THE CLASSROOM

## Preschool

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# Benefits of Incorporating Nature in the Classroom- Sierra Issa

## Benefits of incorporating nature in the classroom are...

- Provides opportunities for children to discover, problem solve, and learn about STEM education
- It allows children to think critically, question, and begin making hypothesis
- Nature and outdoor time help keep the children engaged and interested
- Develops social, physical, emotional, and intellectual play
- Nature restores children's attention
- <https://www.brighthorizons.com/family-resources/children-and-nature>
- [https://greatergood.berkeley.edu/article/item/six\\_ways\\_nature\\_helps\\_children\\_learn](https://greatergood.berkeley.edu/article/item/six_ways_nature_helps_children_learn)
- <https://www.frontiersin.org/articles/10.3389/fpsyg.2019.00305/full>
- [https://elmodules.cech.uc.edu/mcdonanl/mod%201%20output%20web/Mod%201%20Web%20-%20Storyline%20output/story\\_content/external\\_files/Discovering%20Nature%20-%20The%20Benefits%20of%20Teaching%20Outside%20the%20Classroom.pdf](https://elmodules.cech.uc.edu/mcdonanl/mod%201%20output%20web/Mod%201%20Web%20-%20Storyline%20output/story_content/external_files/Discovering%20Nature%20-%20The%20Benefits%20of%20Teaching%20Outside%20the%20Classroom.pdf)



# Strategies for Incorporating Nature in the Classroom - Taylor Sweeney

Strategies for incorporating nature in the classroom are..

- Adding plant life indoors.
- Use natural materials such as rocks, flowers, leaves, sticks or even bugs.
- Include books about nature that can be available for the students.
- Include parents by asking them to bring in natural materials.
- Save flower seeds, plant them, experiment with how plants grow.

[Teacher Helps Schools and Kids Connect with Nature | Resilient Educator](#)

[How to Use Nature to Engage Students Grades Pre-K to 5 in Learning | Edutopia](#)

[Incorporating the Outdoors into Your Classroom Instruction \(teachingwithamountainview.com\)](#)

[Using Natural Resources in the Classroom - Learning with Nature | Teach Starter](#)

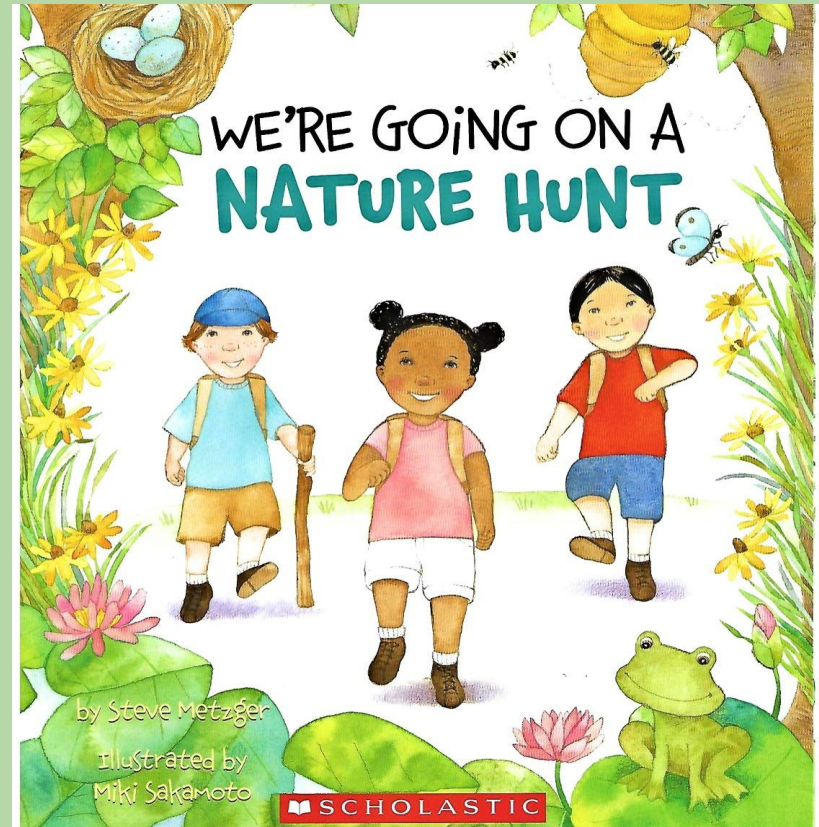
[Teach with Nature with these 50 Tips, Tricks, and Ideas \(weareteachers.com\)](#)



There are so many ways to add nature into the classroom, especially when doing lessons.

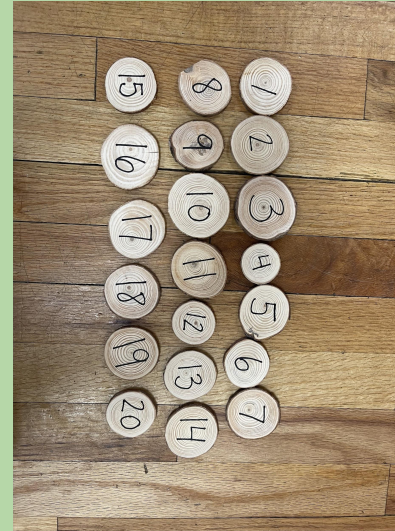
# Book- Kaylee Markowitz

- *We're Going On A Nature Hunt*, Steve Metzger, Scholastic
- <https://youtu.be/GGuz954d4sA>
  - This book is about 3 children who went on a walk through the woods to see what they could find. They were taught not to disturb or harm the animals.



# Math Game- Jenna Sloan

- For incorporating nature in the classroom with a math game, I used natural artifacts from outside and then used recycled containers to sort the different materials.
- The materials included are...
  - Pine cones
  - Sticks
  - Birch logs
  - Tree bark
  - Feathers
  - Seashells
  - Rocks
- On the tree logs I labeled from 1-20 to have the students count and then they can sort the materials and count the materials in each bin. They can also compare and contrast as well as feel the textures.
- PA Standard
  - 2.1 PK.A.1 Know number names and the count sequence.
  - 2.1 PK.MP Use mathematical processes when quantifying, comparing, representing, and modeling numbers.





# Literacy Game- Ariana Gonzalez

- I created a literacy game with natural materials from outside like leaves and rocks as well as a recycle material from home which is the cardboard box.
- In both of this game children will learn letter recognition as well as matching with rocks and stones as the look for the alphabet on the leaf forest and build their own with rocks!
- I have also incorporate nature during store time with story stones.
- PA Standard:
  - 1.1 PK.D Develop beginning phonics and word skills.
  - 1.3 PK.A With prompting and support retell a familiar story in a sequence with picture support.



# Open-Ended Art

Include picture, instructions, and PA Standard