

# #MAKERFUN

# Natural Makerspace

## STUDENT JOURNAL



# NATURAL MAKERSPACE

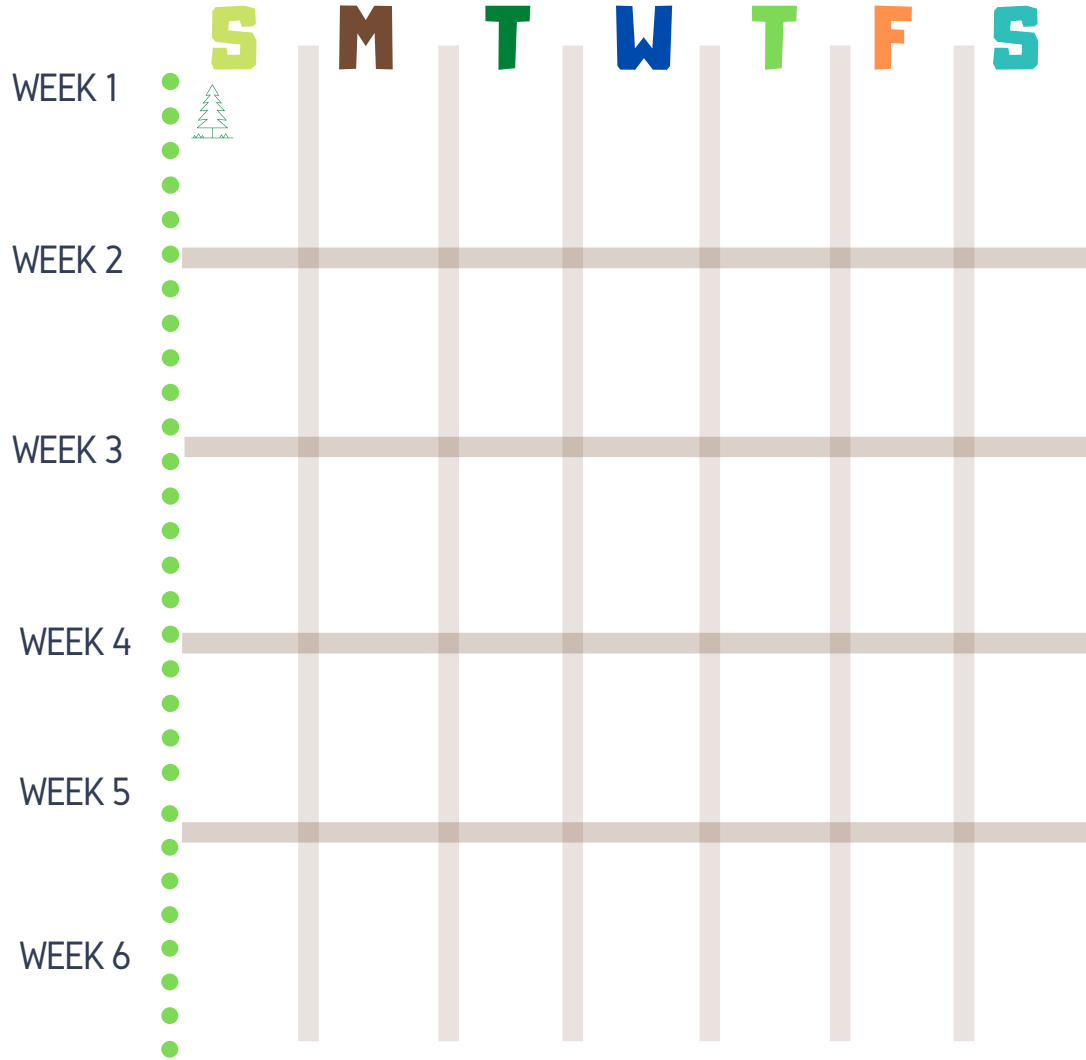
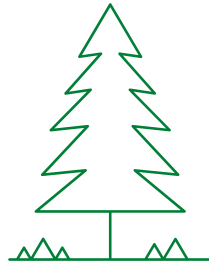
## INTRODUCTON

SPEND TIME OUTSIDE, EXPLORE, DISCOVER, LEARN, SHOW THE WORLD

We know you are ready to be an explorer. To help you seek out new outdoor challenges we have developed this #MakerFun Natural Makerspace Journal. Here you can log and share your outdoor challenges. To keep track of your findings we will ask you to draw what you see, create or take photos of your creations. We also want you to use the tools in this journal to explain what you see. You are an environmental scientist in training and we hope you will calculate, describe and document your findings.

## OUTDOORS PLOT YOUR TIME

How much time have you been outside this week? Time to use your drawing skills to plot your time (draw a tree, mark an "x" or get clever with a cute bunny). OR Create a diagram on the graph paper below. See for help>> <https://nces.ed.gov/nceskids/graphing/classic/>



DIAGRAM

# NATURAL MAKERSPACE

SAVE & SHARE

SAVE AND SHARE YOUR ART EVERY WEEK. YOU CAN ADD TO YOUR WORD ART OR MAKE A NEW ONE EVERY WEEK

For this activity be sure to bring your journal outdoors with you, or a scrap piece of paper. Look around. Look up, what do you see? Write it down. Look left, what do you see? Write it down. Look all around you. Write all the words you see in your natural space. Once you have these words you can create pictures. Maybe it's a tree, cloud or rainbow. Using your pencil lightly draw a tree. Now write words over the lines and fill in your tree with more words until the entire tree is covered with the words you just saw!

WORD ART MAKE ART



In the space provided, write words that you learned each day, every week. Make a word cloud (or an object or shape you see in nature). You can use this website to create your word art or draw your own. <https://wordart.com/create>

SAMPLE



# NATURAL MAKERSPACE

## EXPLORATION

### HOW TO USE YOUR EXPLORATION JOURNAL EVERY DAY...

Write observations, questions or discoveries... It's your journal, you can draw, write, glue stuff, start research, invent a prototype to solve an environmental problem... You can print activities and projects offered by Brilliant Labs every week and add them to your exploration journal.

### WRITE A HYPOTHESIS

After each week of observation... write a hypothesis... What do you think next week will look like? What area is changing most drastically? Could you make a stop motion video of one spot to share the change in nature around you with your family and friends?



## EXPERT

## SPOT IT

Find your perfect sitting spot outside, enjoy it and document it. A sitting spot is a comfortable spot where you like to just sit, listen to nature, observe, meditate, and take quiet time for yourself. Write what you see, smell, hear and feel.

MONDAY				
TUESDAY				
WEDNESDAY				
THURSDAY				
FRIDAY				
SATURDAY				
SUNDAY				

## HYPOTHESIS

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# NATURAL MAKERSPACE

DESIGN & CREATE

## WHAT COULD YOU CREATE WITH THE TREASURES YOU FOUND?

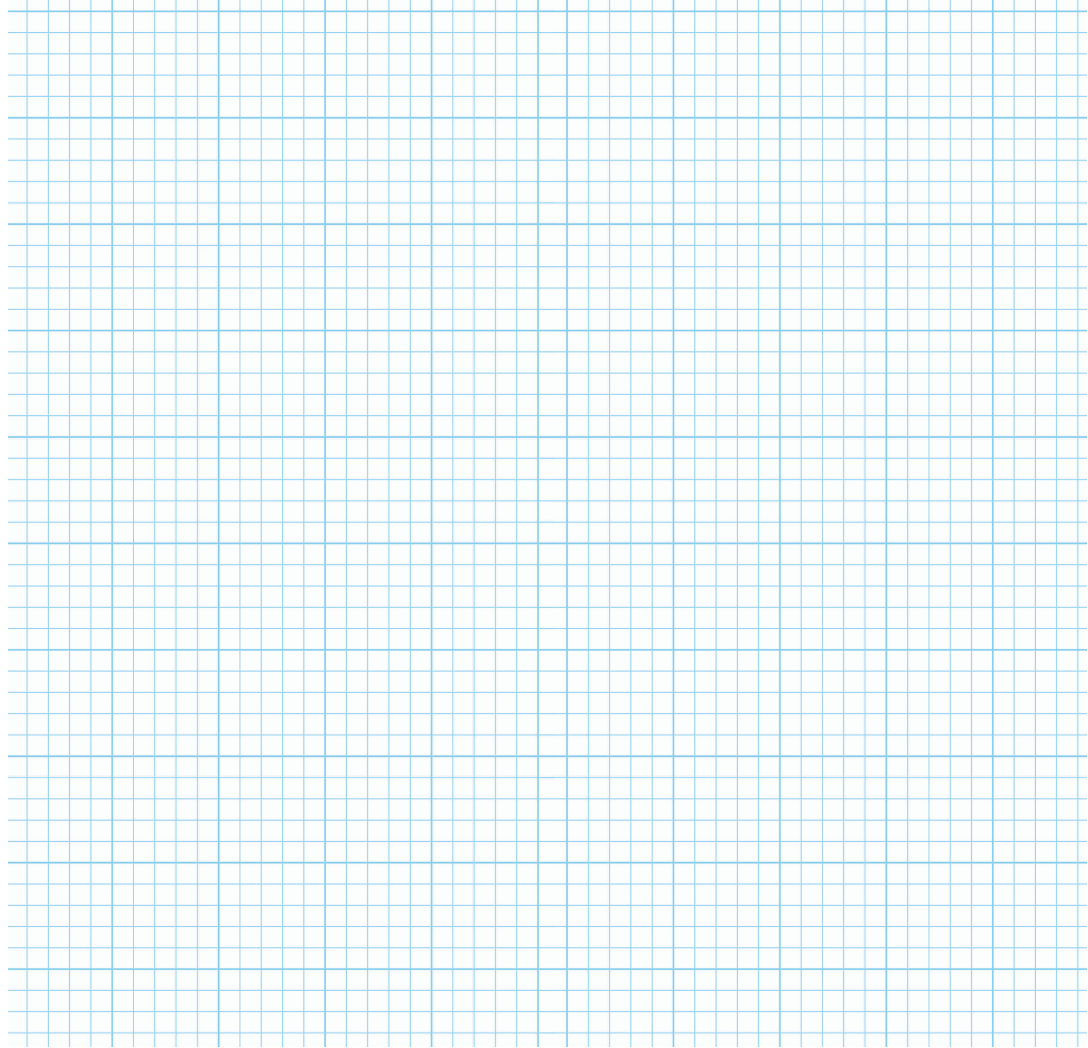
You can create a craft from the objects you found during your scavenger hunt? You can glue your objects or draw each element in your journal. Can you name the type (or species) of object you found?



CREATE

## OUTDOOR SCAVENGER

Plan an outdoor scavenger hunt for your family. Be creative and use your imagination to make it fun. Think about some of the objects that may be in your yard. Sketch your plan using the grid provided below.



FIND

# NATURAL MAKERSPACE

EXPLORE, OBSERVE,  
AND QUESTION



## TAKE A CLOSER LOOK

Have you ever noticed something for the first time that you overlooked in the past? We often overlook things because they are not important at that time and our mind fills in the gaps. We tend to tune out a lot including sights, sounds and maybe even smells. Failing to notice things around us can be costly, especially when safety is involved. When we don't pay attention to our surroundings, we will most like miss seeing things.

### LIST 3 THINGS YOU DISCOVERED

- 1 \_\_\_\_\_
- 2 \_\_\_\_\_
- 3 \_\_\_\_\_



FIND

## LOOK CLOSER AT OUR WORLD

Take a walk around your yard, school, or park. Pay particular attention to your surroundings. What do you see? What do you hear? Are your discoveries human-made or part of nature? How did they get there? Have you noticed anything new?

WRITE 5 QUESTIONS ABOUT YOUR DISCOVERY

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○ \_\_\_\_\_

○ \_\_\_\_\_

○ \_\_\_\_\_

○ \_\_\_\_\_

# NATURAL MAKERSPACE

LET'S TALK

## LET'S TALK

Let's give our classmates, friends and family the chance to share what they enjoy about being outside. Is there anything you want to share with them? What activities and projects would like like to do? You can work with them to enjoy and learn more about the outside world around them.

### GET INFO ABOUT NATURAL MAKERSPACES

Students who learn in Natural Maker Spaces have no walls and often no predetermined classroom area (although some schools do have outdoor classrooms). The mission of the Natural Maker Space is to make learning and teaching experiential and contextual through activities that engage the mind, body and heart. Projects in these spaces are based on principles of inquiry and inclusion.

### LET'S CONNECT

Get more info and how to start a Natural Makerspace.

Michelle Thibault, Natural Makerspace Program Specialist

Email: [Michelle@brilliantlabs.ca](mailto:Michelle@brilliantlabs.ca)

[BRILLIANTLABS.CA/NATURALMAKERSPACE](http://BRILLIANTLABS.CA/NATURALMAKERSPACE)

THOUGHTS

## YOUR THOUGHTS

Express your self. You can write anything you want about what you have learned. This space is for you to share your ideas, concerns, feelings and ways to help your environment.



Lined writing area for thoughts, consisting of horizontal purple lines and a vertical pink margin line.

DRAW