

# Seasons

Trace the name of each season.



Summer



Fall



Winter



Spring

The changing weather each season brings new activities.  
Circle the gear Callie can use in each season.



## SUMMER



## FALL



## WINTER



## SPRING



A pattern is something that repeats. Our planet has patterns. Day and night repeat every day, and the four seasons repeat every year.

Look at each pattern. Then fill in the missing word.



Day



Night



Day



Night



Sunrise



Sunset



Sunrise



Sunset



Summer



Fall



Winter



Spring



Summer



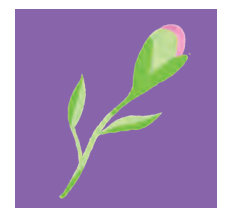
Winter



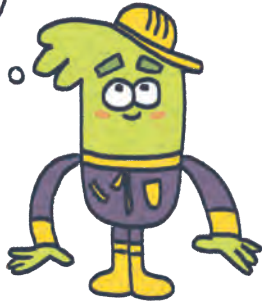
Summer



Fall



Spring



Write about and draw pictures of the patterns you see near you.

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Look out your window. Circle which season it is now.



Draw what you see that tells you what season it is.





Circle the activities that you can do during this season.

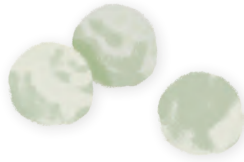


# LET'S START!

GATHER THESE TOOLS AND MATERIALS.



Crayons



10 or more cotton balls



10 or more twist ties



Baking soda



Hair conditioner



Bowl



Spoon



Paper

# LET'S TINKER!

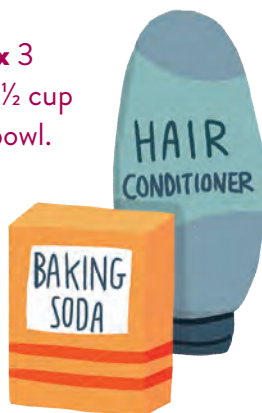
The seasons are one of Earth's patterns.

**Make** your own patterns with your materials. Which materials can repeat? Which materials can be combined? Can you make short patterns? Long ones?



# LET'S MAKE: INDOOR SNOW!

1. With an adult's help, **mix** 3 cups of baking soda and  $\frac{1}{2}$  cup of hair conditioner in a bowl.



2. **Place** the bowl in your freezer for a few hours to make it feel cold, or just play with your indoor snow right away.



What does the snow feel like in your hands?  
What does it sound like when you move it around? Can you make a snowball?

## LET'S ENGINEER!

*Callie loves to paint the tree outside her bedroom window. It's summer, and she only needs brown and green paints. But the season is about to change.*



*How can Callie figure out what paints she will need for the new season?*

**Record** what season it is now and predict what will happen to the tree in the next season.

**Draw** a picture of a tree near you now. Then **draw** how it will look in the other three seasons. What colors do you use? What happens to the leaves? What other changes do you see?



**PROJECT 2: DONE!**

Get your sticker!



# TinkerActive

WORKBOOKS

**TINKER**



**MAKE**



**ENGINEER**



The **NEW** way to  
**LEARN THROUGH PLAY!**

[TinkerActiveWorkbooks.com](http://TinkerActiveWorkbooks.com)

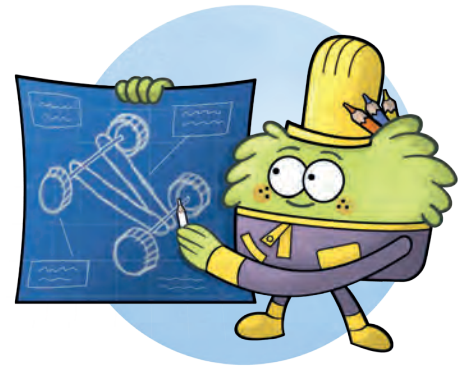


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# Discover a New Way to Learn Through Play with TinkerActive!

## DEAR READER,

At the TinkerActive workshop, our mission is to inspire a generation of fearless **learners**, **makers**, and **problem solvers**. We all know that kids have to learn the ABCs and 123s. But the future belongs to the children who learn to think beyond the basics.



So we designed **TINKERACTIVE WORKBOOKS** to do both: build children's foundational knowledge *and* encourage them to try new things, discover new skills, and imagine new possibilities. That's what "Tinker, Make, and Engineer" means to us, and we believe that it can lead to lifelong learners who create a better world.

### Tinker

TRY NEW THINGS

### Make

DISCOVER NEW SKILLS

### Engineer

IMAGINE NEW POSSIBILITIES



## SO HOW DO WE DO IT?

Each chapter includes **curriculum-based activities** as well as tinkering, making, and engineering projects, where kids can actually use the concepts they just learned to solve problems hands-on.

Every TinkerActive Workbook has been created in consultation with an **award-winning teacher** to ensure that we cover the core competencies and align with Common Core State Standards and Next Generation Science Standards.

We also include **achievement stickers** for each project, and a **secret magnetic merit badge** so kids can celebrate their accomplishments!

Our goals are to cheer on your child, to ask, "Why do you think that?" and to help them explore all the possible answers. By supporting your child's innate curiosity, who knows what we might learn together!

Visit [TinkerActiveWorkbooks.com](http://TinkerActiveWorkbooks.com) to learn more about the workbook series and share your workbook fun with **#TinkerActive**.



CLOSE-UP OF MERIT BADGE



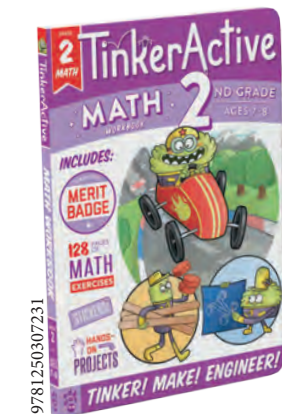
Yours in discovery,

## THE TINKERACTIVE TEAM

# DISCOVER ALL THE TinkerActive! WORKBOOKS



Perfect for grades **K-2**, each TinkerActive workbook comes with 128 pages of interactive **curriculum-based exercises** and exciting **hands-on projects** that utilize common household materials and encourage children to **learn through play**.



VISIT [TINKERACTIVeworkbooks.com](http://TINKERACTIVeworkbooks.com) TO LEARN MORE.