

# TinkerActive

WORKBOOKS

**TINKER**



**MAKE**



**ENGINEER**



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

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

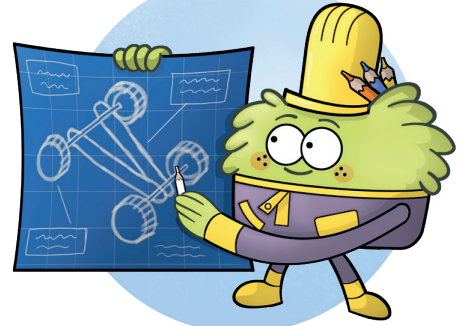


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# Discover a New Way to Learn Through Play with TinkerActive!

## 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?

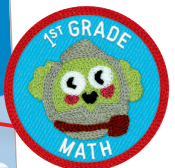
Each chapter includes **curriculum-based activities** as well as tinkering, making, and engineering projects, where kids can actually use the concepts they just learned to solve problems hands-on.

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](https://twitter.com/TinkerActive).



CLOSE-UP OF MERIT BADGE



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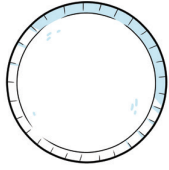


Yours in discovery,

## THE TINKERACTIVE TEAM

# LET'S ENGINEER: WEATHER WHEEL!

## GATHER THESE TOOLS AND MATERIALS:



Paper plate



Tape



Scissors

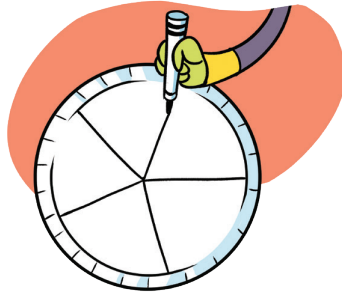


Paper



Crayons

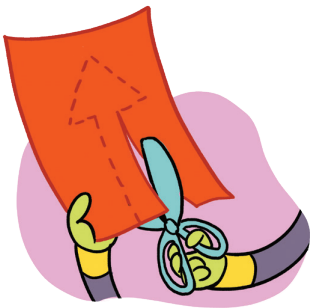
**1. Divide** a paper plate into 5 equal sections.



**2. Draw** an image for a kind of weather in each section: sunny, cloudy, rainy, windy, and snowy.



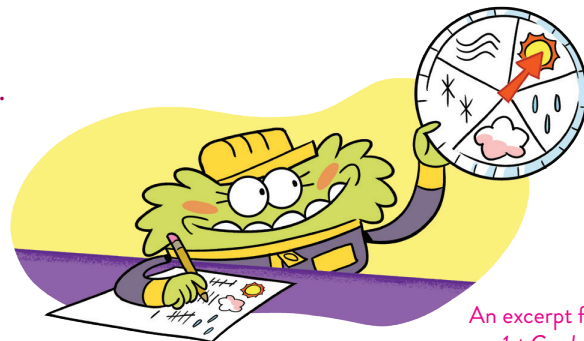
**3. Cut** out a paper arrow.



**4. Tape** the arrow on the weather for the day.



**5. Tally** the weather for 1 week. At the end of the week, how many days were in each category?



An excerpt from *TinkerActive Workbooks: 1st Grade Math*: 9781250307224

# LET'S TINKER: MAKE YOUR OWN AIR ROCKET!

## GATHER THESE TOOLS AND MATERIALS:



Paper



Drinking straw



Tape



Scissors  
(with an adult's help)

**1. Roll** a small piece of paper (about the size of your palm) tightly around the end of a straw.



**2. Tape** the paper to make a tube.



**3. Fold** the end of the tube and tape the folded part down.



**4. Decorate** your rocket by taping on small wings, fins, or a nose cone. You can also add stickers or color.



**5. Blow** quickly into the other end of the straw and watch the rocket fly!



An excerpt from *TinkerActive Workbooks*  
Kindergarten Science: 9781250307248



# LEARN ABOUT: COUNTING

Count how much treasure each MotMot has. Then draw a line to the treasure chest with the matching number.



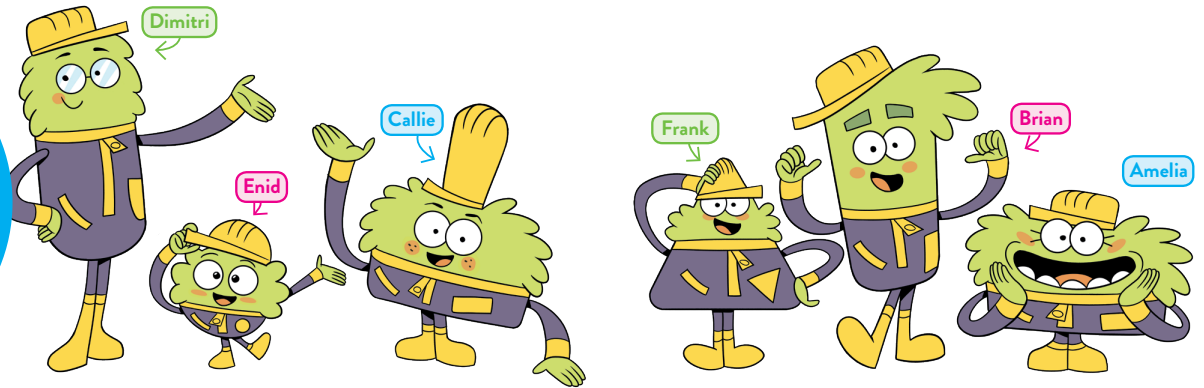
An excerpt from *TinkerActive Workbooks: Kindergarten Math*: 9781250307217

# DRAW A MOTMOT!

Use the instructions below to learn how to draw a MotMot!

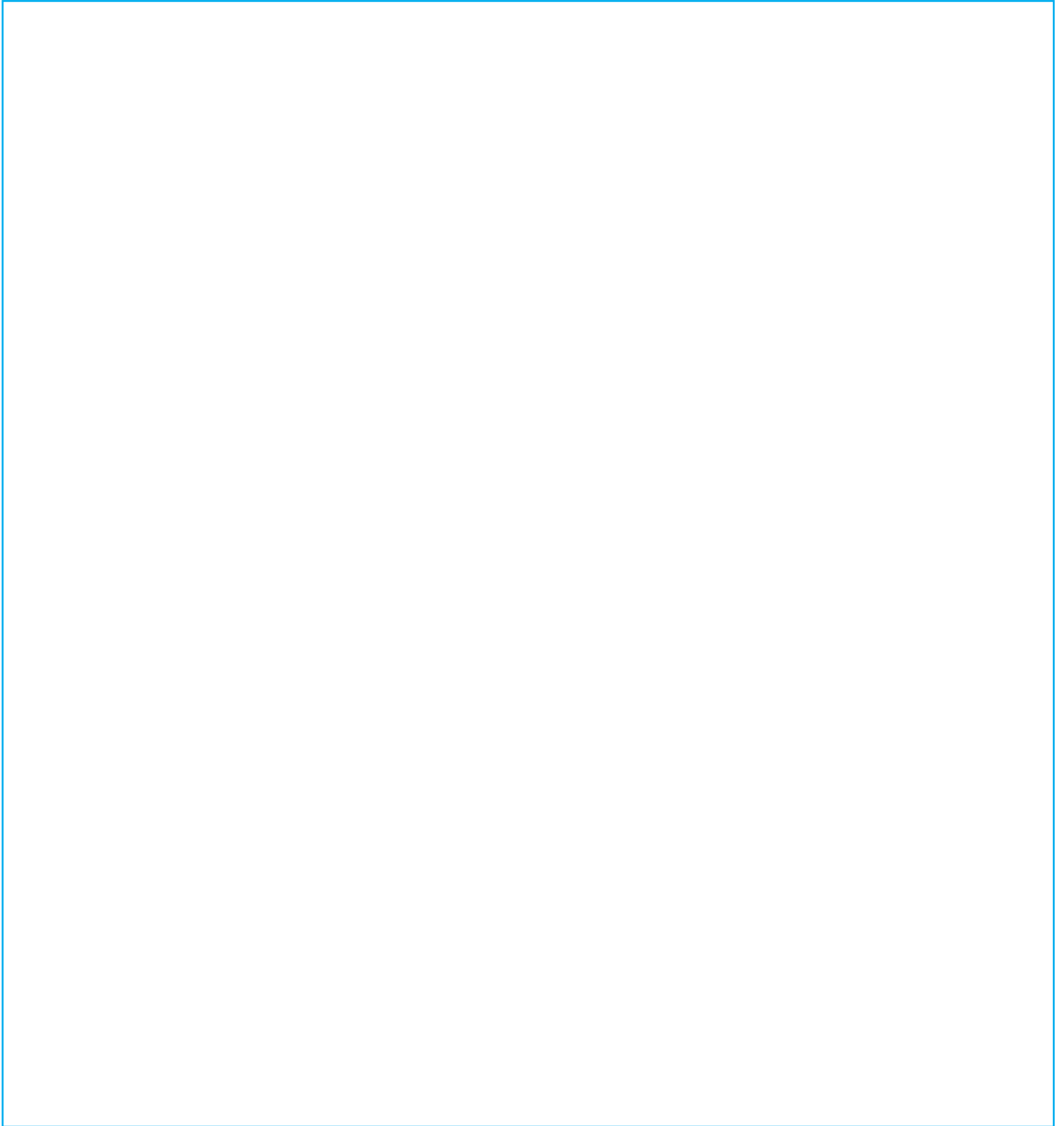
## Meet the MotMots!

Our friendly, fuzzy creatures of all shapes and sizes are here to guide you through any project that comes your way!



<p>①</p> <p>a triangle</p>	<p>②</p> <p>curved lines</p>	<p>③</p> <p>half-circles</p>	<p>④</p> <p>circles, points, and a curved line</p>
<p>⑤</p> <p>a curved line and 3 sides of a rectangle</p>	<p>⑥</p> <p>curved rectangles and triangles</p>	<p>⑦</p> <p>curved rectangles</p>	<p>⑧</p> <p>open ovals</p>
<p>⑨</p> <p>curved rectangles</p>	<p>⑩</p> <p>open ovals</p>	<p>⑪</p> <p>ERASE</p>	<p>⑫</p> <p>COLOR</p>
<p>Erase the sides of the triangle.</p>			<p>Color to finish Frank!</p>

# DRAW A MOTMOT!





# LET'S LEARN ABOUT: ANIMAL HABITATS

Animals live close to the things they need to survive, like food, water, and shelter. This place is called their habitat. Draw a line to connect each animal to its habitat. Then trace the name of each habitat.

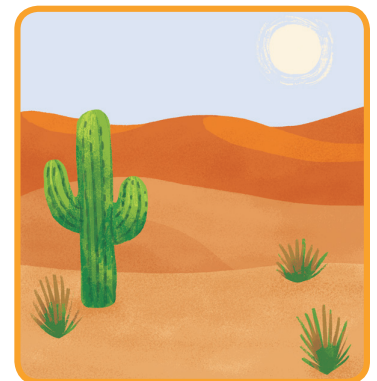
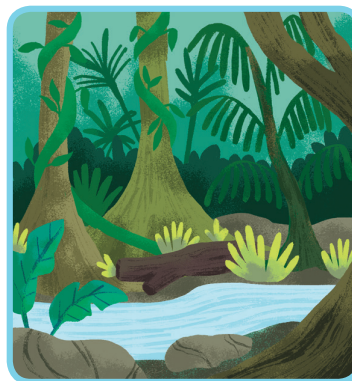
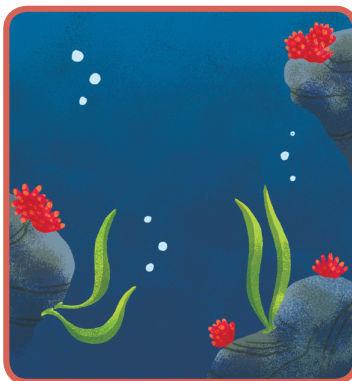


grassland

ocean

rain forest

desert



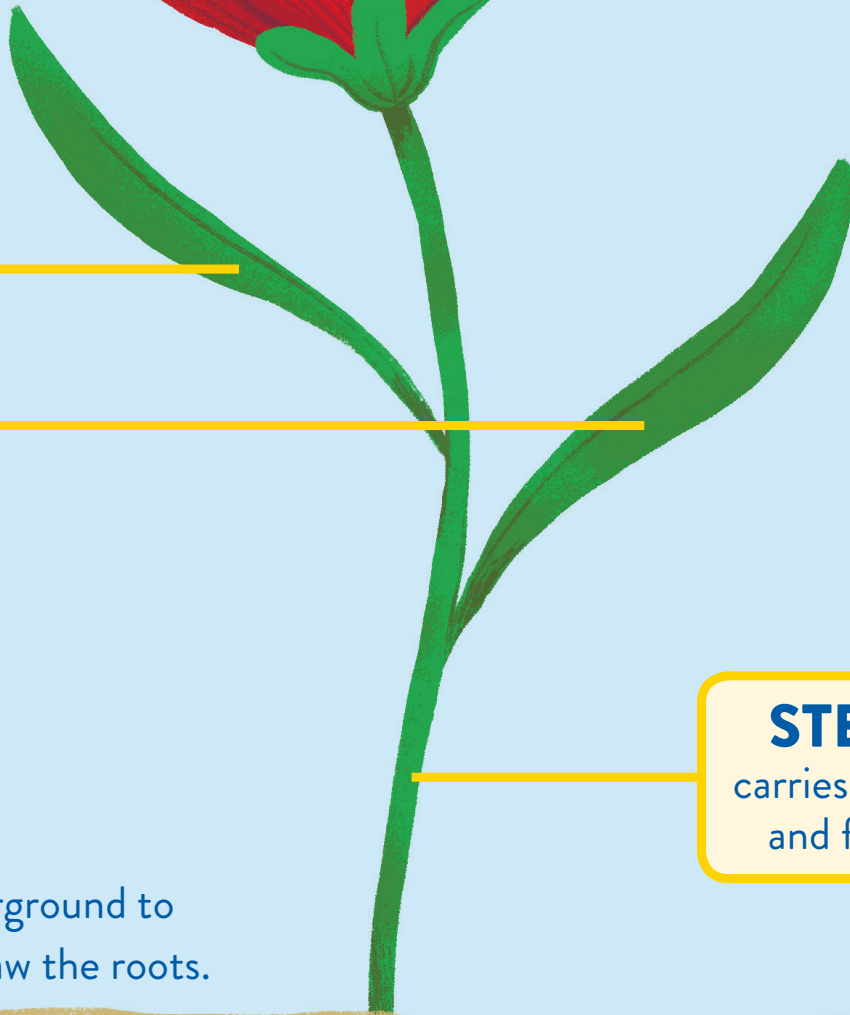
# LET'S LEARN ABOUT: PARTS OF A PLANT

Plants have many parts to help them live and grow.



**FLOWER**  
makes seeds

**LEAVES**  
make food



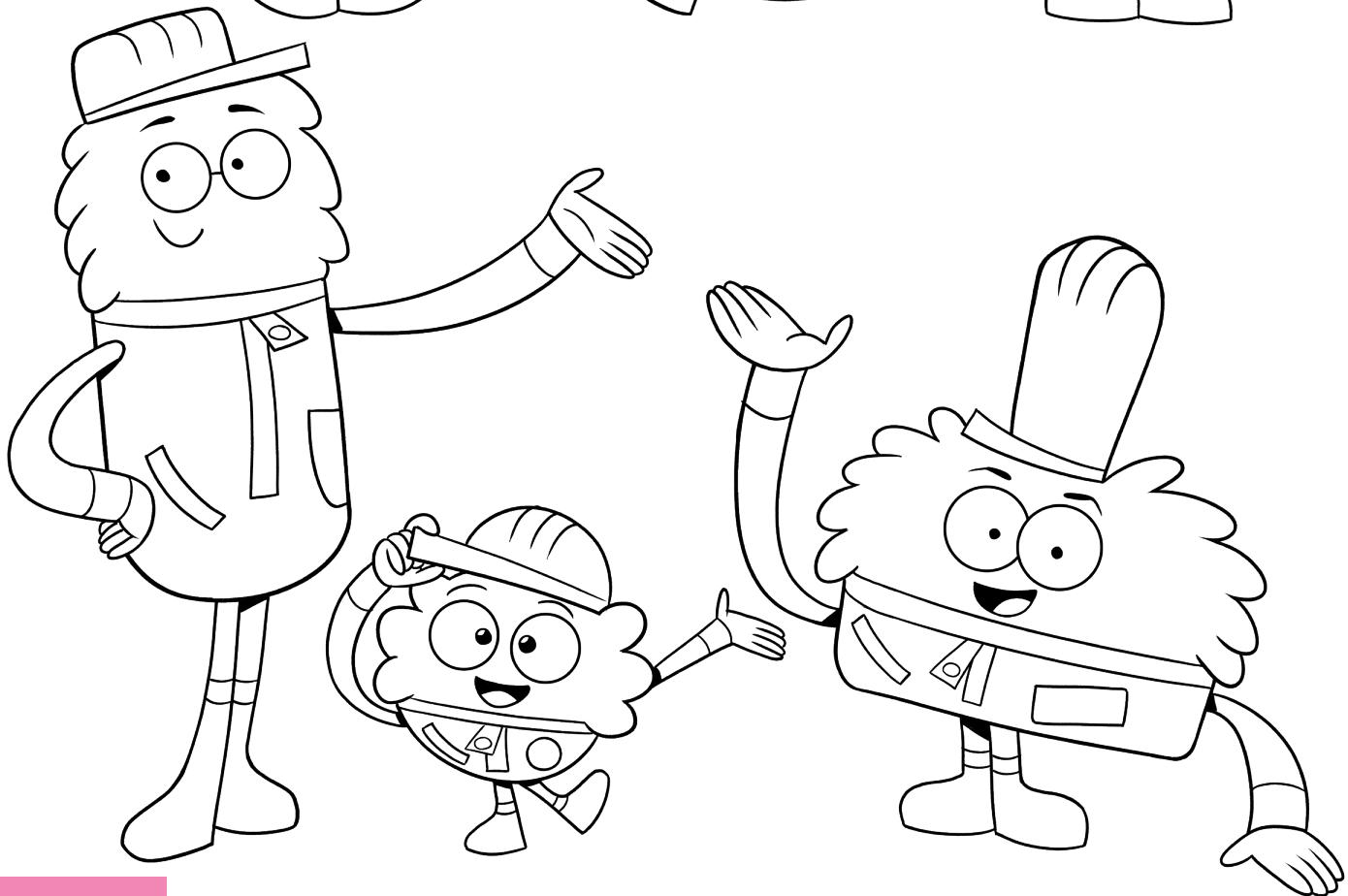
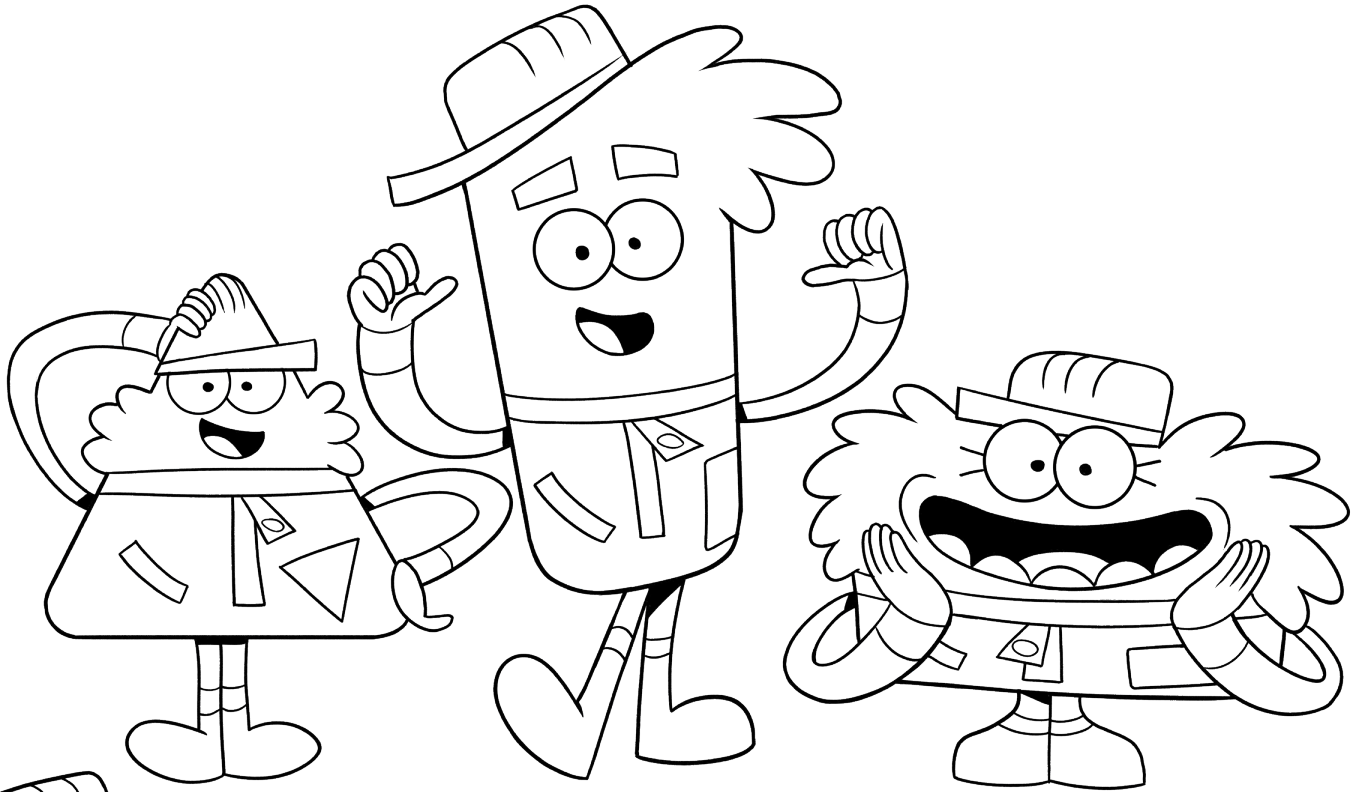
**STEM**  
carries water  
and food

Roots grow underground to collect water. Draw the roots.

An excerpt from *TinkerActive Workbooks: Kindergarten Science*: 9781250307248



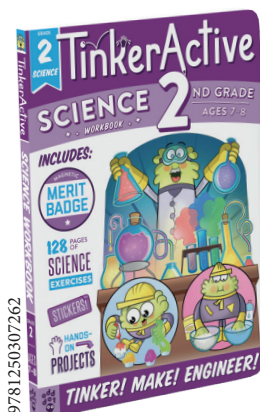
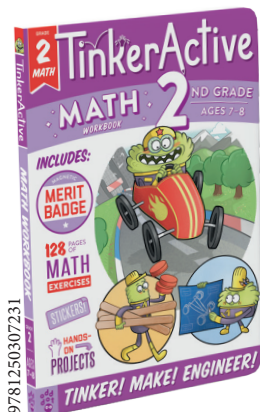
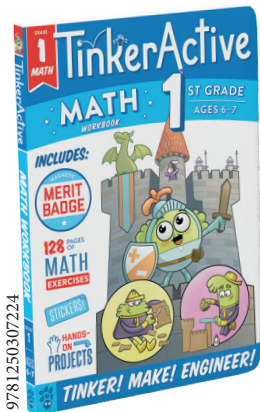
# COLOR THE MOTMOTS!



# 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.



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