

Name: _____

mystery science

Kindergarten

Student Booklet

What are you curious about?



Animal Needs


Grade K • NGSS • Unit Worksheets

Lesson 1



Why do woodpeckers peck wood?

Lesson 2



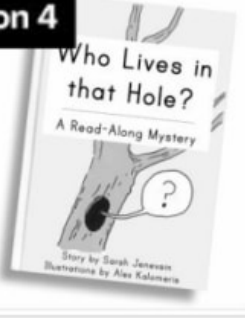
Where do animals live?

Lesson 3



How can you find animals in the woods?

Lesson 4



How do animals make their homes in the forest?

I am also curious about...

Draw an animal eating its food.

My animal is a...

It eats...

Draw an animal in its home.

My animal is a...

It makes its home in...

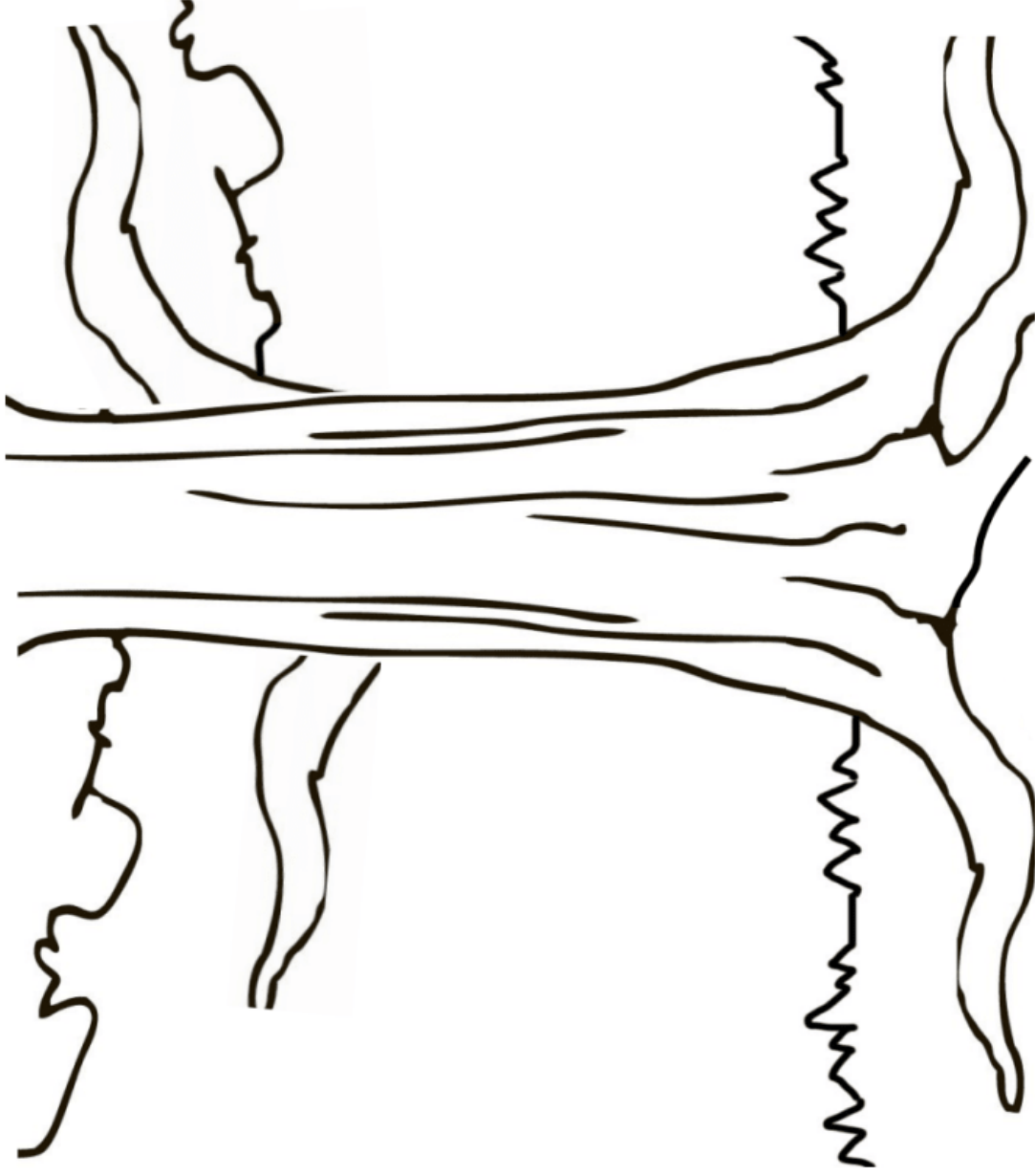
Draw an animal staying safe.

My animal is a...

It stays safe by...

Name: - - - - -

Draw an animal making its home in the tree.



My animal is a... - - - - -

Plant Needs


Grade K • NGSS • Unit Worksheets

Lesson 1



Are plants alive?

Lesson 2



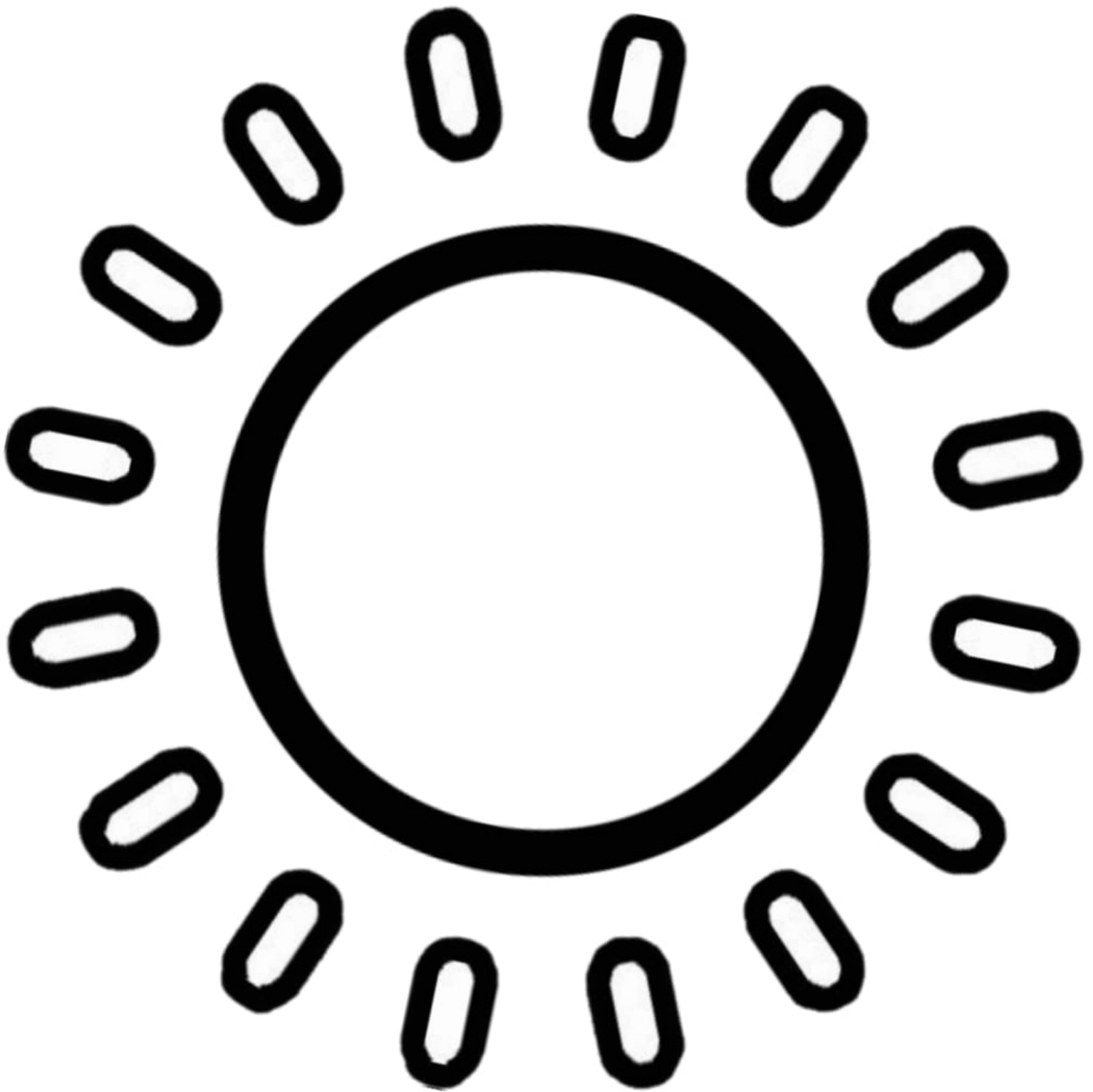
How do plants and trees grow?

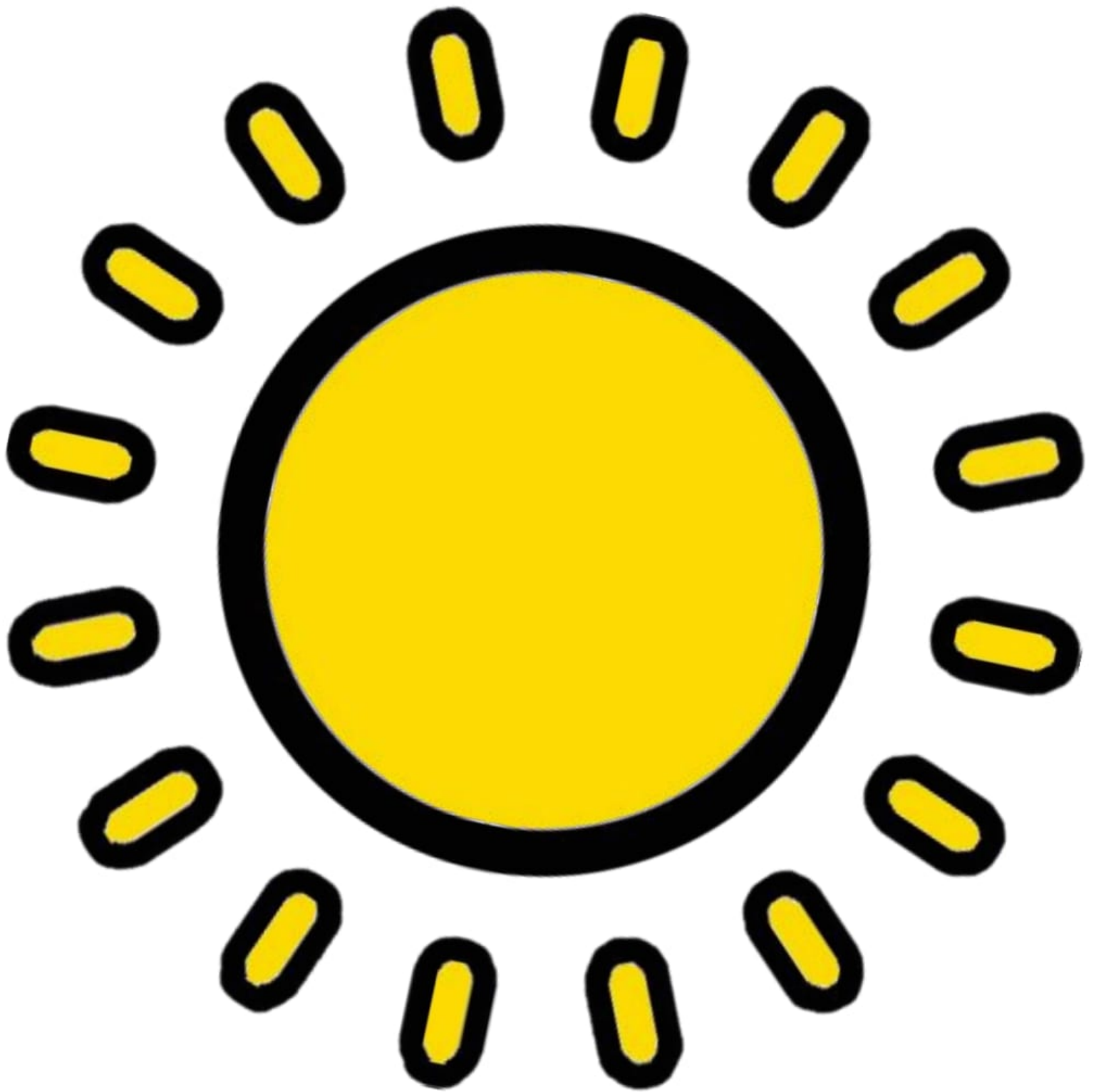
Lesson 3



Why would you want an old log in your backyard?

I am also curious about...





Name: _____

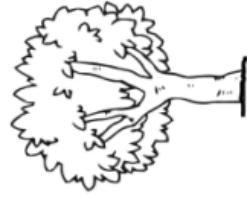
Circle each picture that NEEDS...



Food



Water



Light



mystery science

Are plants alive?

What do seeds need to grow? Draw your ideas
below.



Seeds need...

Draw an animal that would visit an old log.



My animal is a...

It comes to the log to...

Severe Weather


Grade K • NGSS • Unit Worksheets

Lesson 1



How can you get ready for a big storm?

Lesson 2



Have you ever watched a storm?

Lesson 3



How many different kinds of weather are there?

I am also curious about...

How can you get ready for a big storm? Draw 1 or 2 ideas.

I will...

Name: - - - - -

Draw a picture of your Breeze Buddy.

When a soft wind blows.

When a strong wind blows.

- - - - -

Name:

Date:



mystery science

How many different kinds of weather are there?

Name:

Draw your favorite kind of weather.

Describe the weather you drew above.

Weather Patterns

Grade K • NGSS • Unit Worksheets

Lesson 1



The Weather Detective
A Read-Along Mystery
Story by Ruth Tapscott Brown
Illustrations by Alex Kalomera

How do you know what to wear for the weather?

Lesson 2



What will the weather be like on your birthday?

Lesson 3



Why do birds lay eggs in the spring?

I am also curious about...

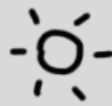
Name _____

Mystery science

How do you know what to wear for the weather?

Weather

Day 1



sunny



partly sunny



cloudy



hot



mild



cold



rainy

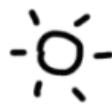


snowy



dry

Day 2



sunny



partly sunny



cloudy



hot



mild



cold



rainy

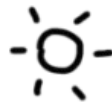


snowy



dry

Day 3



sunny



partly sunny



cloudy



hot



mild



cold



rainy

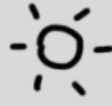


snowy

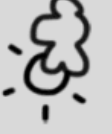


dry

Day 4



sunny



partly sunny



cloudy



hot



mild



cold



rainy



snowy



dry

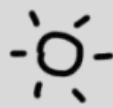
Name _____

mystery science

How do you know what to wear for the weather?

Weather

Day —



sunny



partly sunny



cloudy



hot



mild



cold



rainy

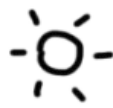


snowy



dry

Day —



sunny



partly sunny



cloudy



hot



mild



cold



rainy

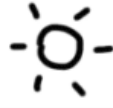


snowy



dry

Day —



sunny



partly sunny



cloudy



hot



mild



cold



rainy

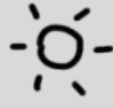


snowy

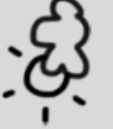


dry

Day —



sunny



partly sunny



cloudy



hot



mild



cold



rainy



snowy



dry

Draw what Kevin had to wear during different
parts of the day.

Morning

Midday

It was hotter / cooler in the
(circle one)
early morning.

It got hotter / cooler in the
(circle one)
middle of the day.



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What will the weather be like on your birthday?



mystery science

What will the weather be like on your birthday?



mystery science

What will the weather be like on your birthday?



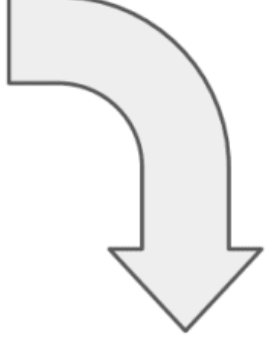
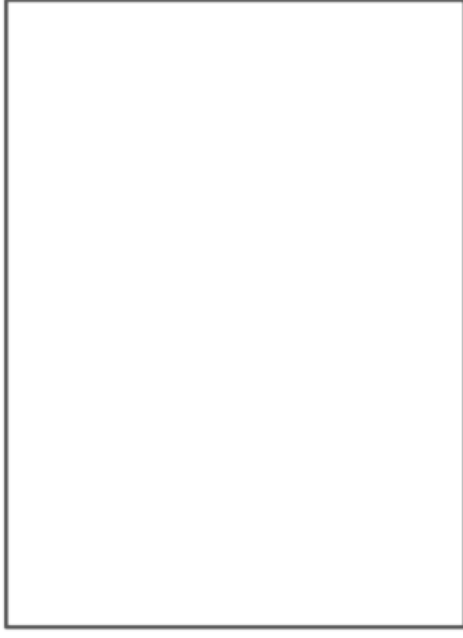
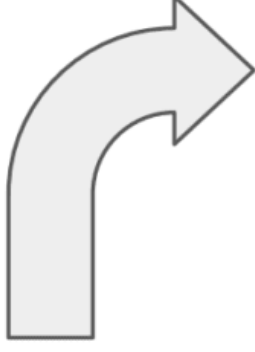
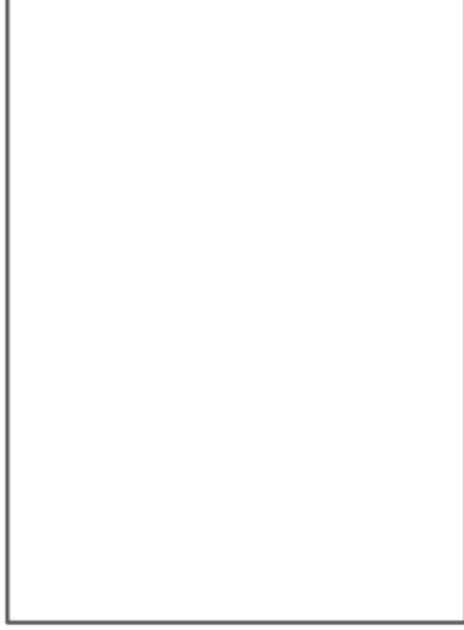
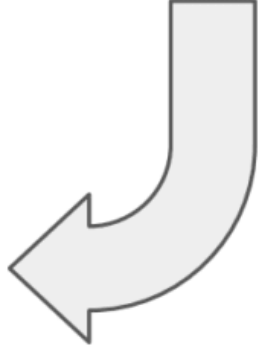
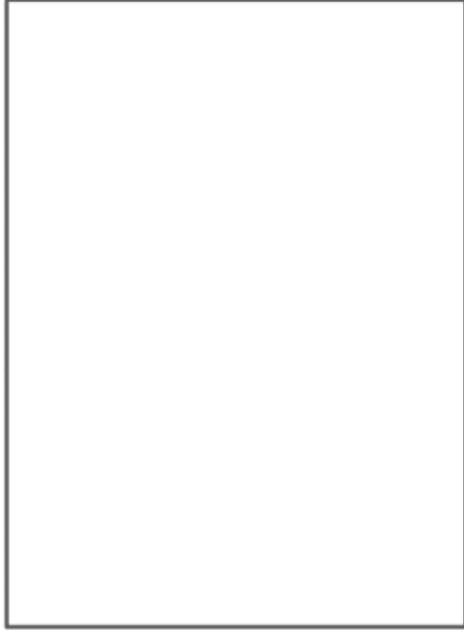
mystery science

What will the weather be like on your birthday?

Name:

Cut and glue the seasons in order.

Start here with the
season it is now.





Autumn



Spring



Winter



Summer



Autumn



Spring



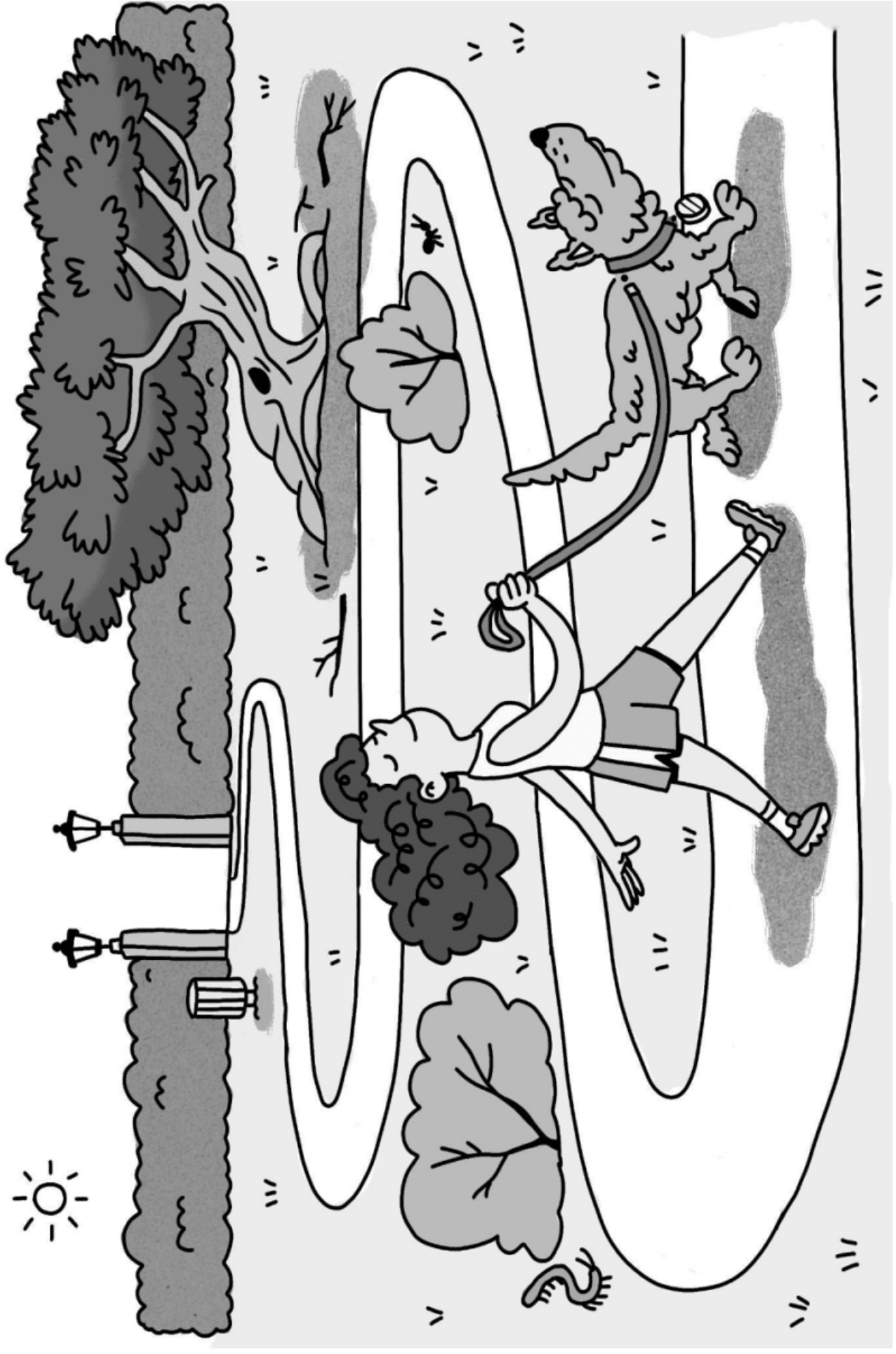
Winter



Summer



Name: _____



Circle all the things a bird could use to build a nest.

Sunlight & Warmth

Grade K • NGSS • Unit Worksheets

Lesson 1



Hot Foot
A Read-Along Mystery
Story by Pat Murphy
Illustrations by Amy Schless

How could you walk barefoot across hot pavement without burning your feet?

Lesson 2



How could you warm up a frozen playground?

Lesson 3



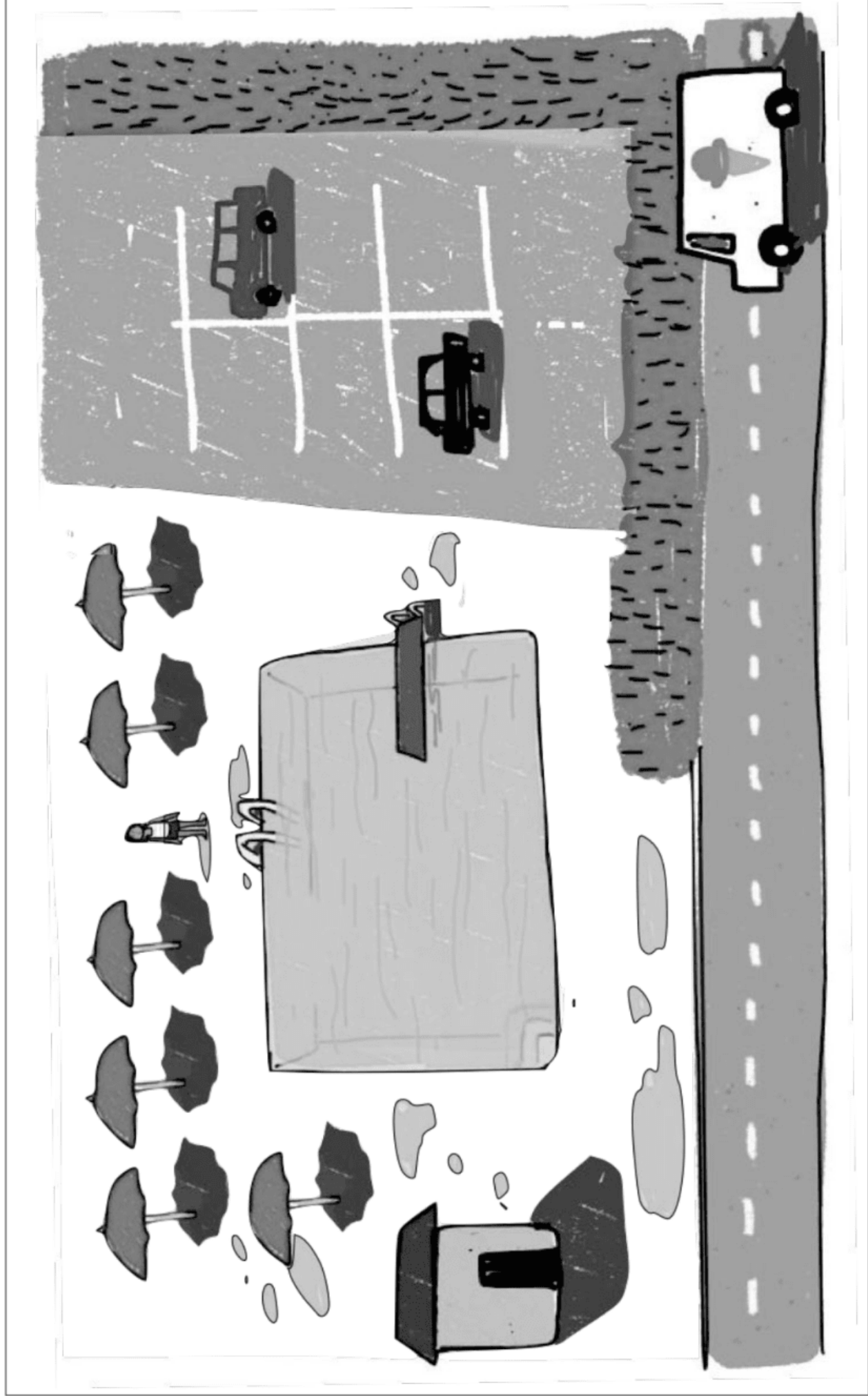
Why does it get cold in winter?

I am also curious about...

Find a cool path for Keya.

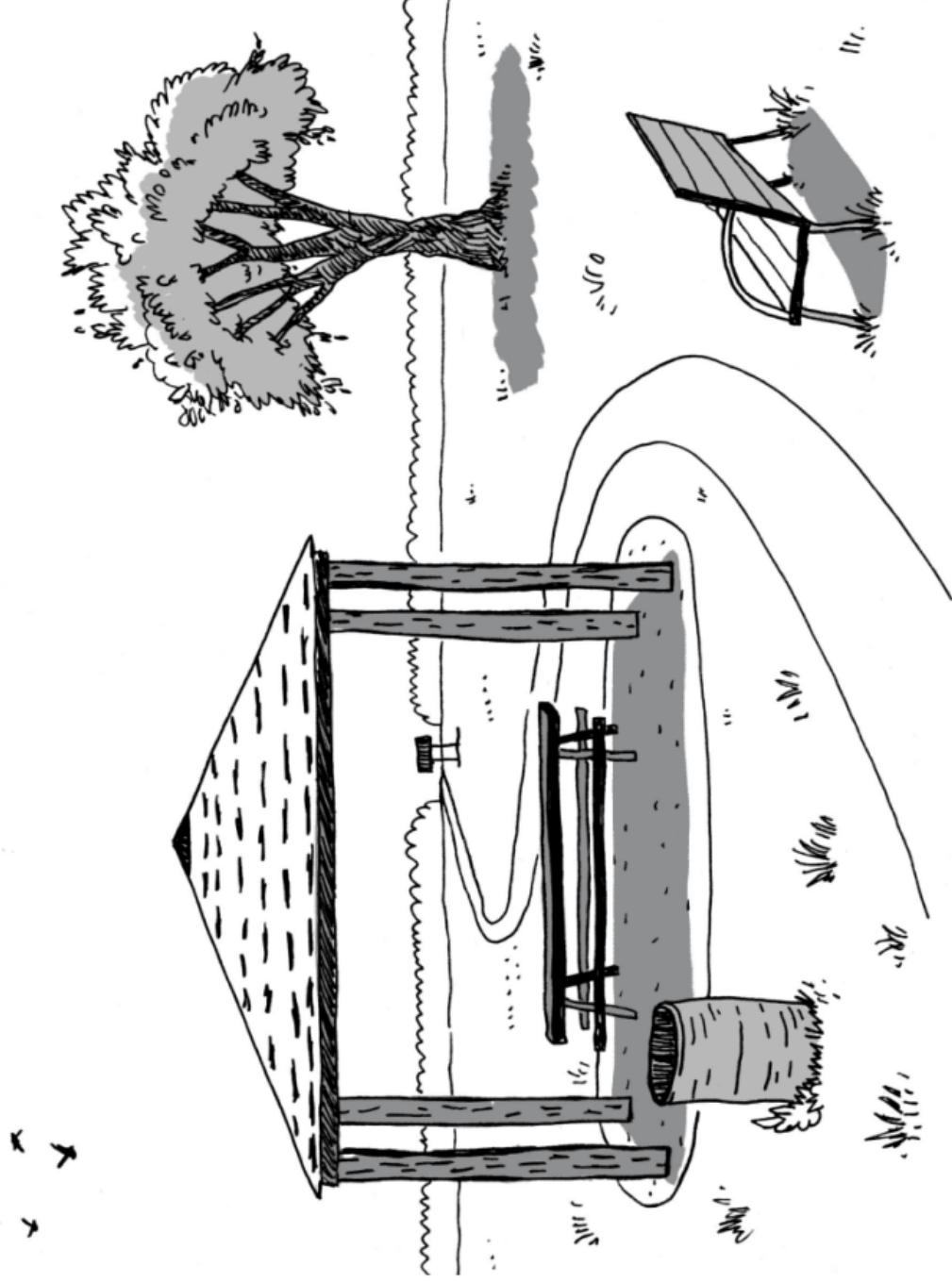
mystery science

How could you walk barefoot across hot pavement without burning your feet?

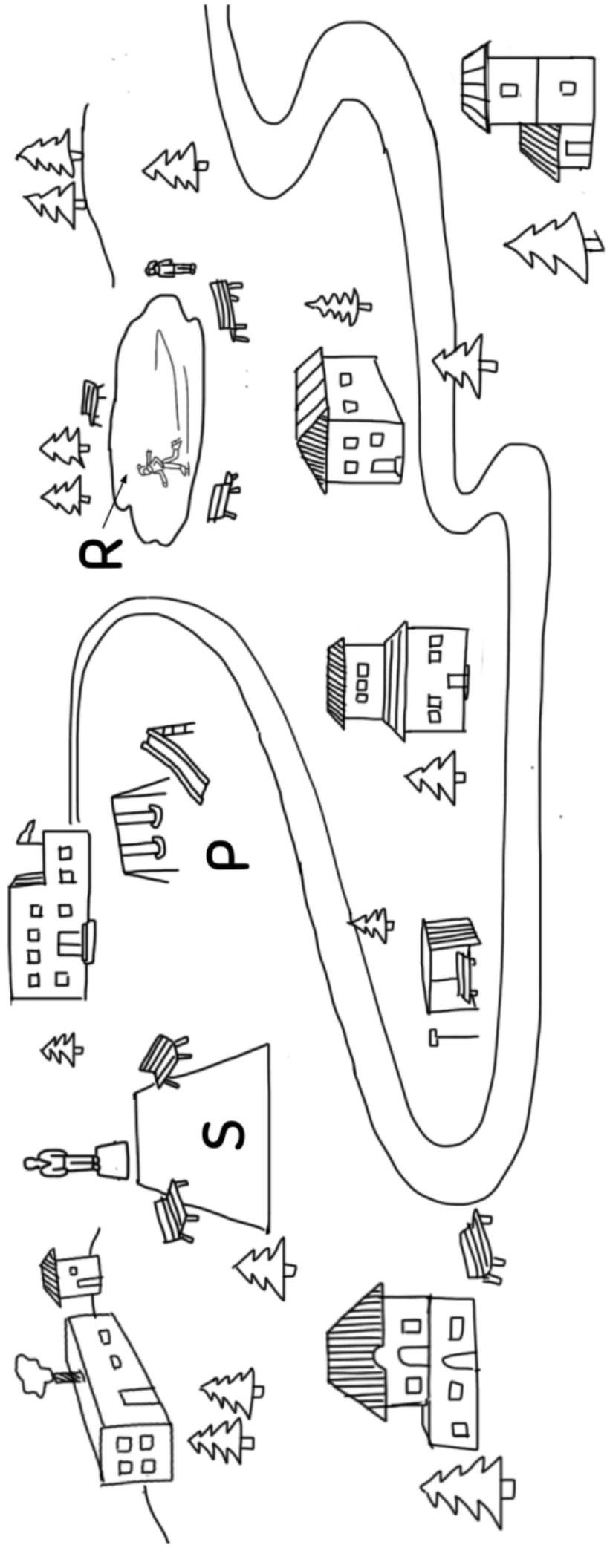
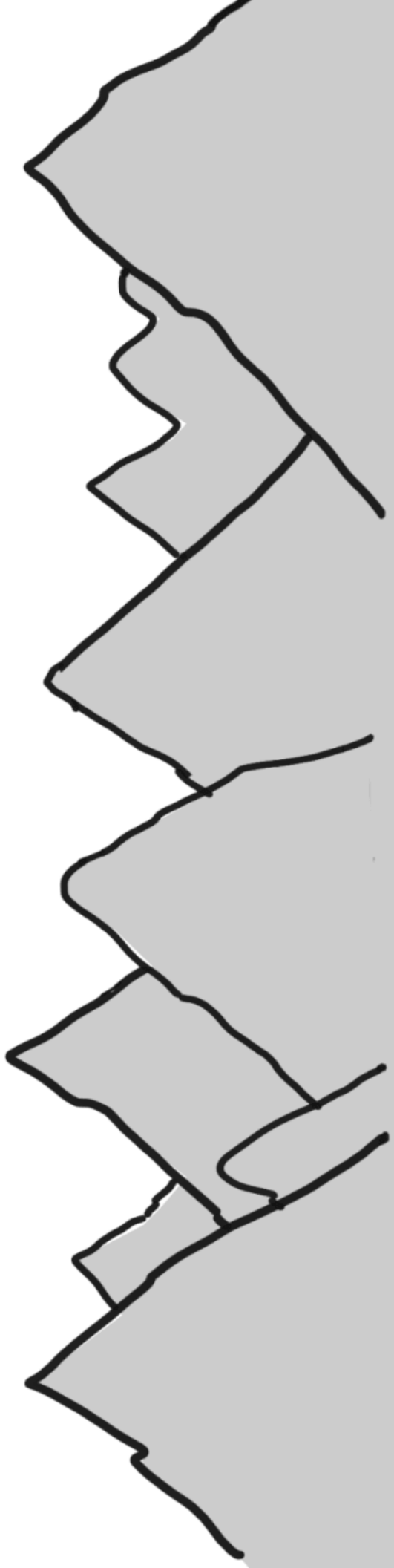


Name: _____

Mark places with an "X" where you could stay cool.



It is cooler where...



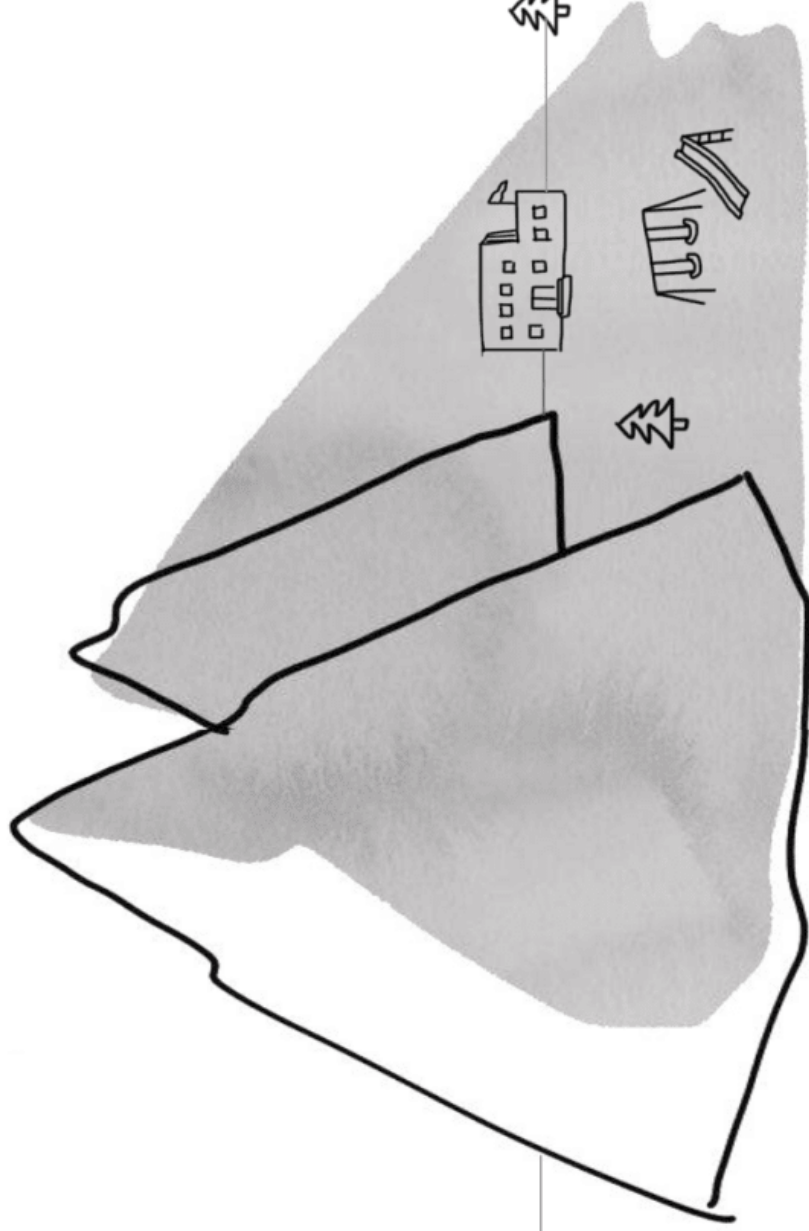
Chill City

mystery science

How could you warm up a frozen playground?

Name:

Draw what you would build to keep the playground warm.

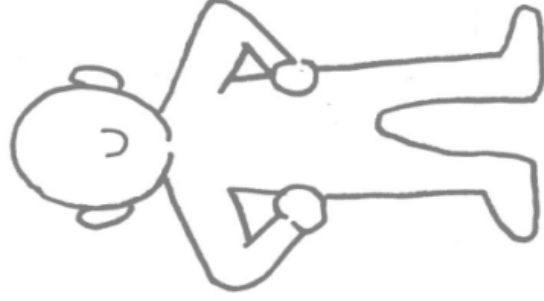


mystery science

How could you warm up a frozen playground?

Name: - - - - -

What would you build to keep this person cool?
Draw your ideas below.



Name: _____

There are 5 pairs of things.

Some things were in the Sun and some in the shade.

Circle each thing that was in the Sun.

1.



2.



3.



4.



5.



Pushes & Pulls

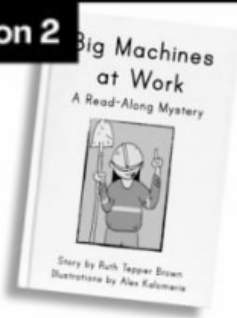
Grade K • NGSS • Unit Worksheets

Lesson 1




What's the biggest excavator?

Lesson 2



Why do builders need so many big machines?

Lesson 3



How can you knock down a wall made of concrete?

Lesson 4



How can you knock down the most bowling pins?

Lesson 5



How can we protect a mountain town from falling rocks?

Lesson 6

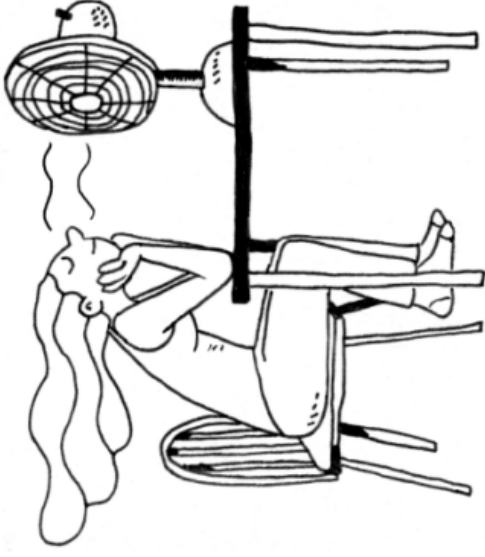
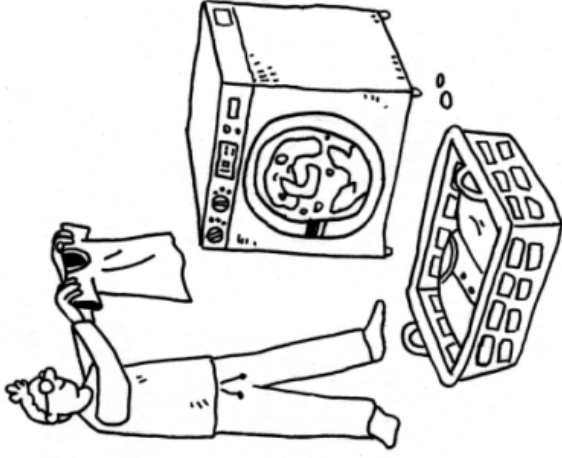
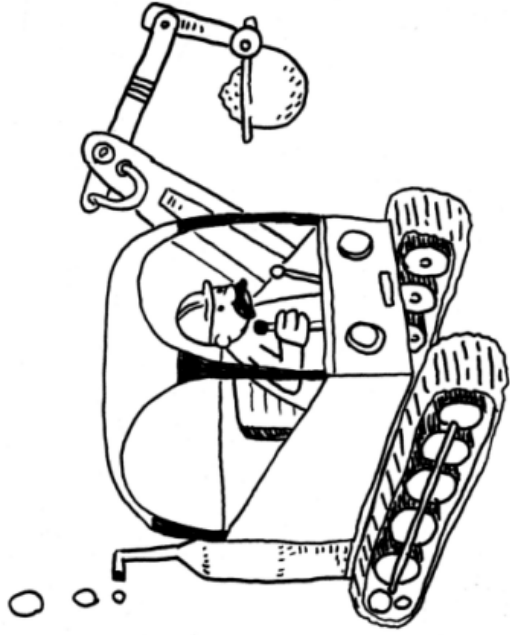


How could you invent a trap?

I am also curious about...

Name: _____

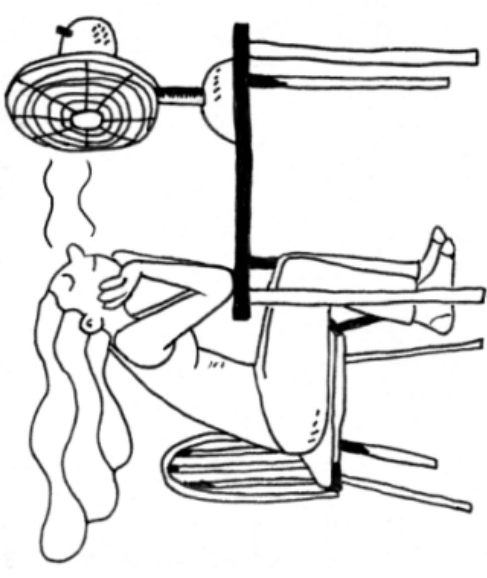
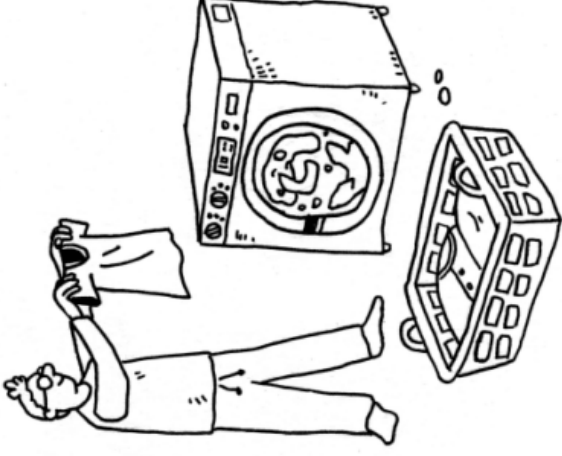
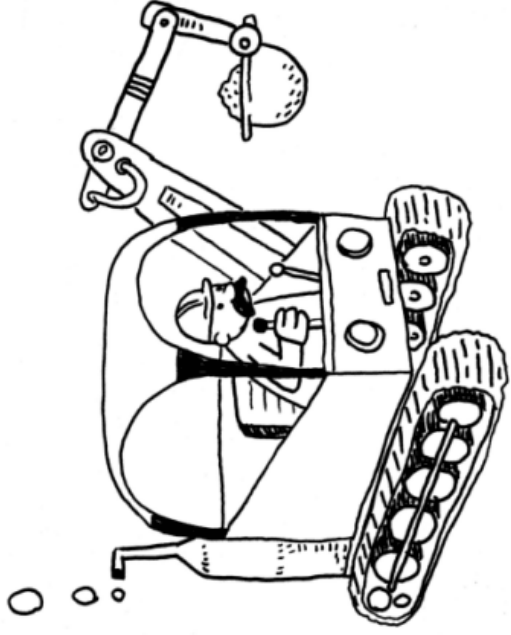
Circle the machines that spin.



Machines help humans...

Name: _____

Draw a line from the machine to the work it does.



washes

digs

spins

Machines help humans...

Draw your favorite big machine doing work.

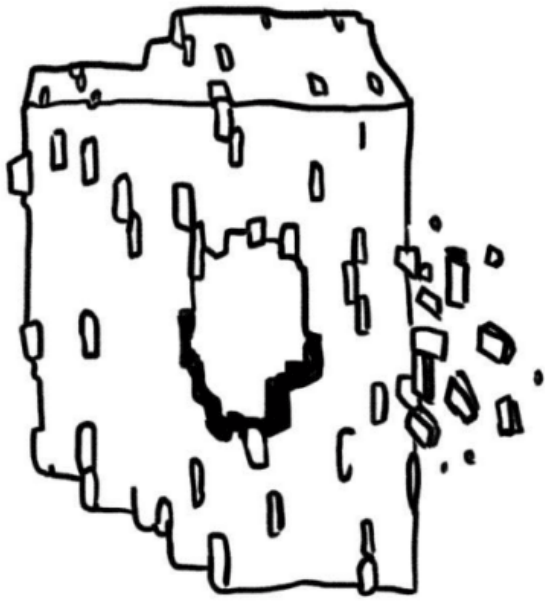
My machine is called a...

Circle the work it does, or add your own word.

push tilt spin lift dig pull _____

Name: _____

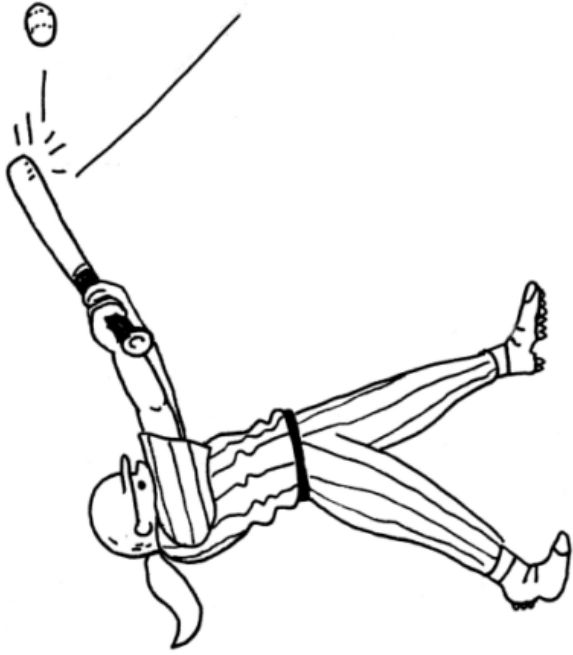
Draw a wrecking ball doing work.



The ball will hit the wall harder if...

Name: _____

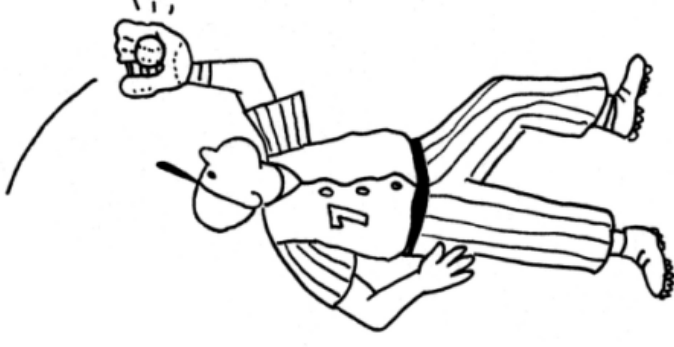
Circle the correct words below each drawing.



The player hits the ball.

The bat pushes / pulls the ball.
(circle one)

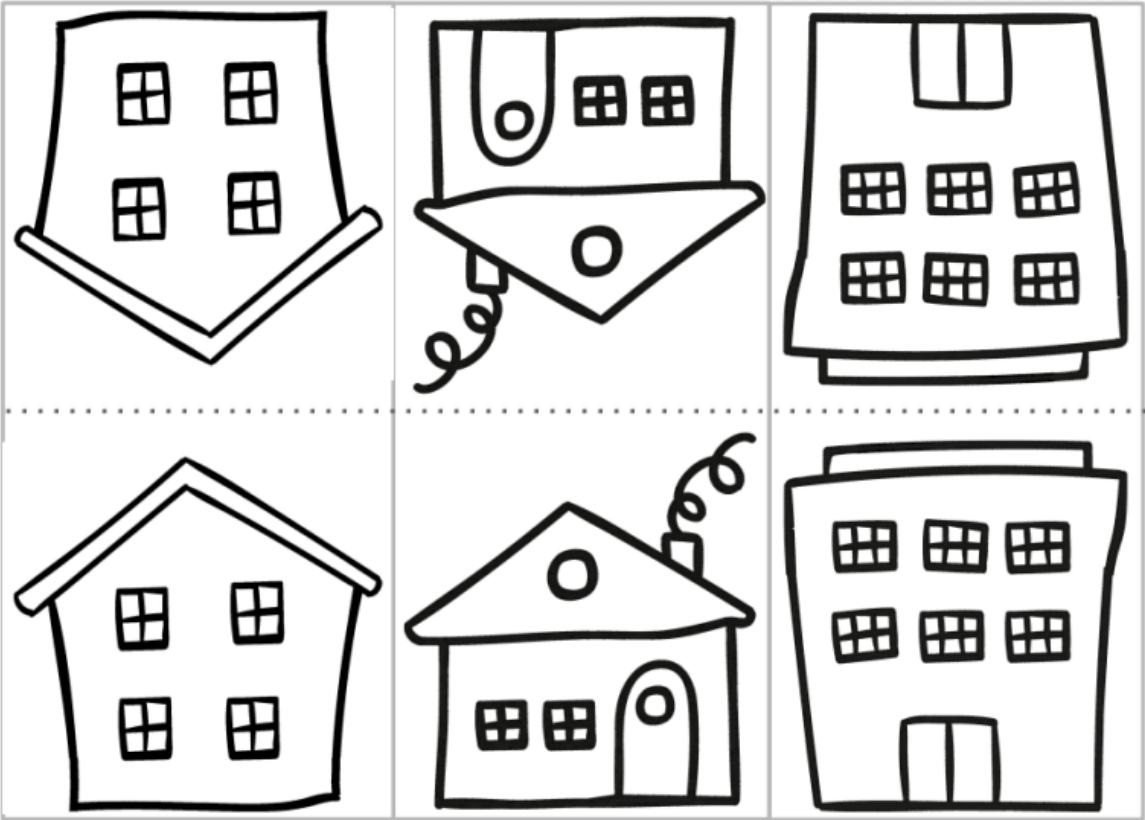
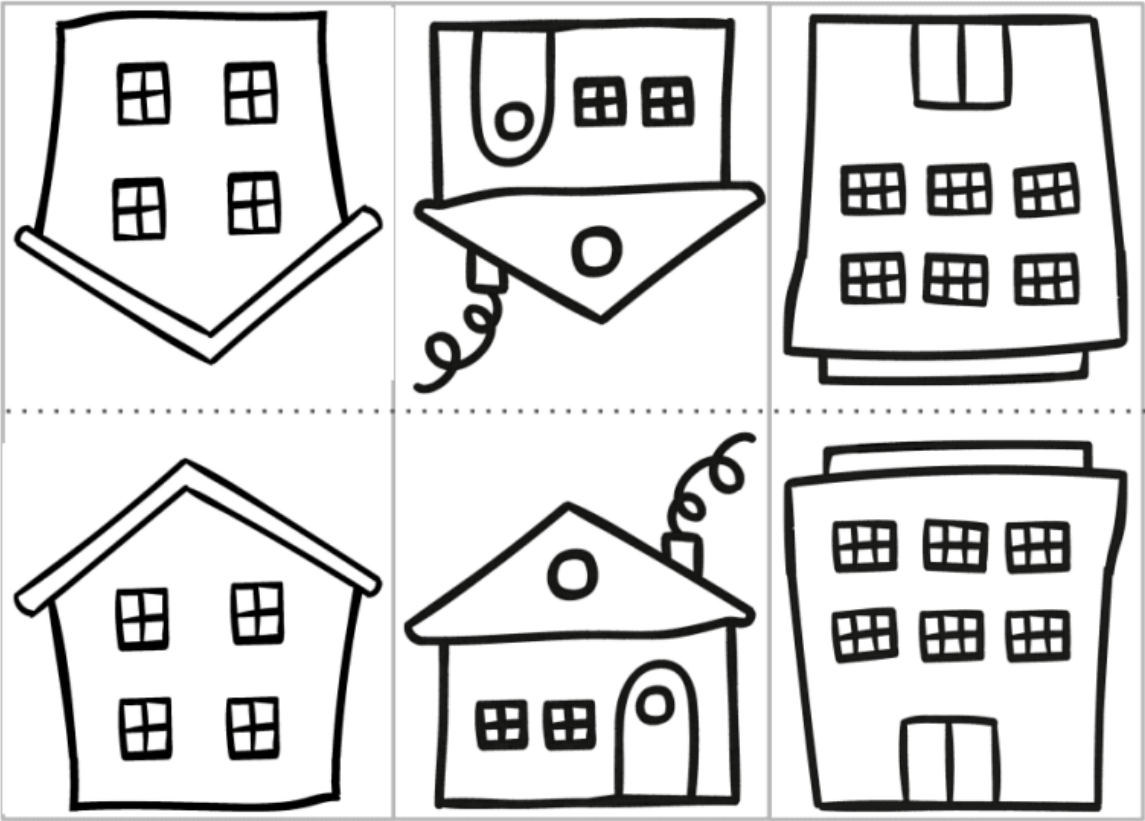
The ball changes direction /
stops moving.
(circle one)



The player catches the ball.

The ball pushes / pulls the glove.
(circle one)

The ball changes direction /
stops moving.
(circle one)

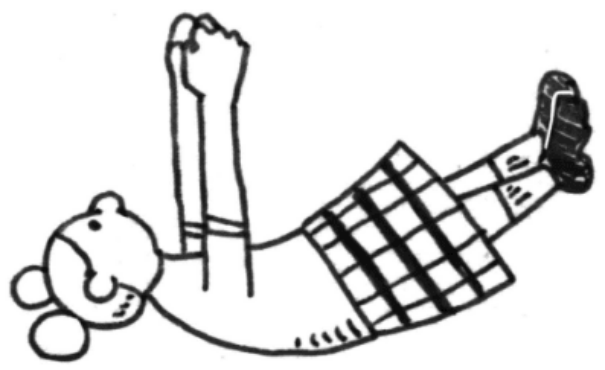


mystery science
How can we protect a mountain town from falling rocks?

Name: _____

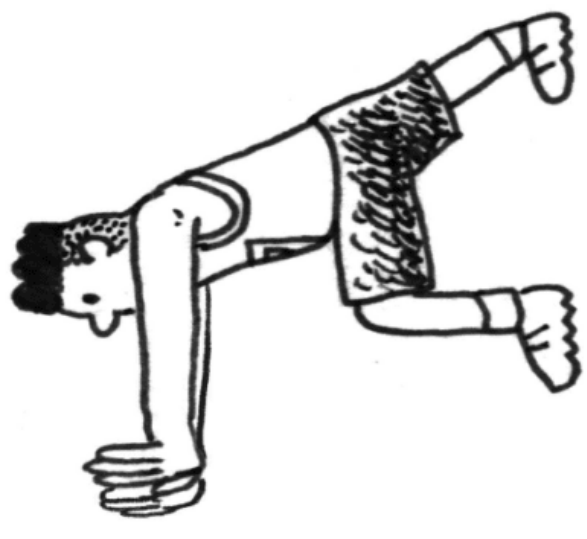
Something I pull is....

Draw your ideas below.



Something I push is....

Draw your ideas below.



If you invented a machine to do chores, what would it be? Draw your ideas below.

My machine would help me...

