

Name: _____

Kindergarten

Student Booklet

What are you curious about?



Animal Needs

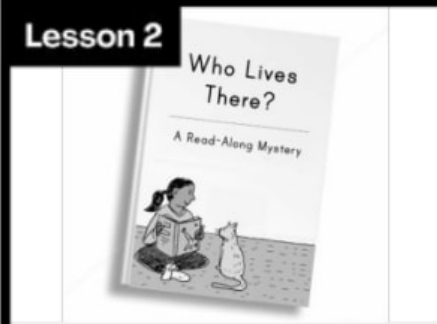
Grade K • NGSS • Unit Worksheets

Lesson 1



Why do woodpeckers
peck wood?

Lesson 2



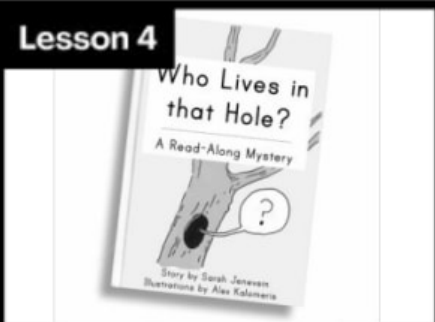
Where do animals live?

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...

Name: _____

Draw an animal eating its food.

My animal is a...

It eats...

Name: _____

Draw an animal in its home.

My animal is a...

It makes its home in...

Name: _____

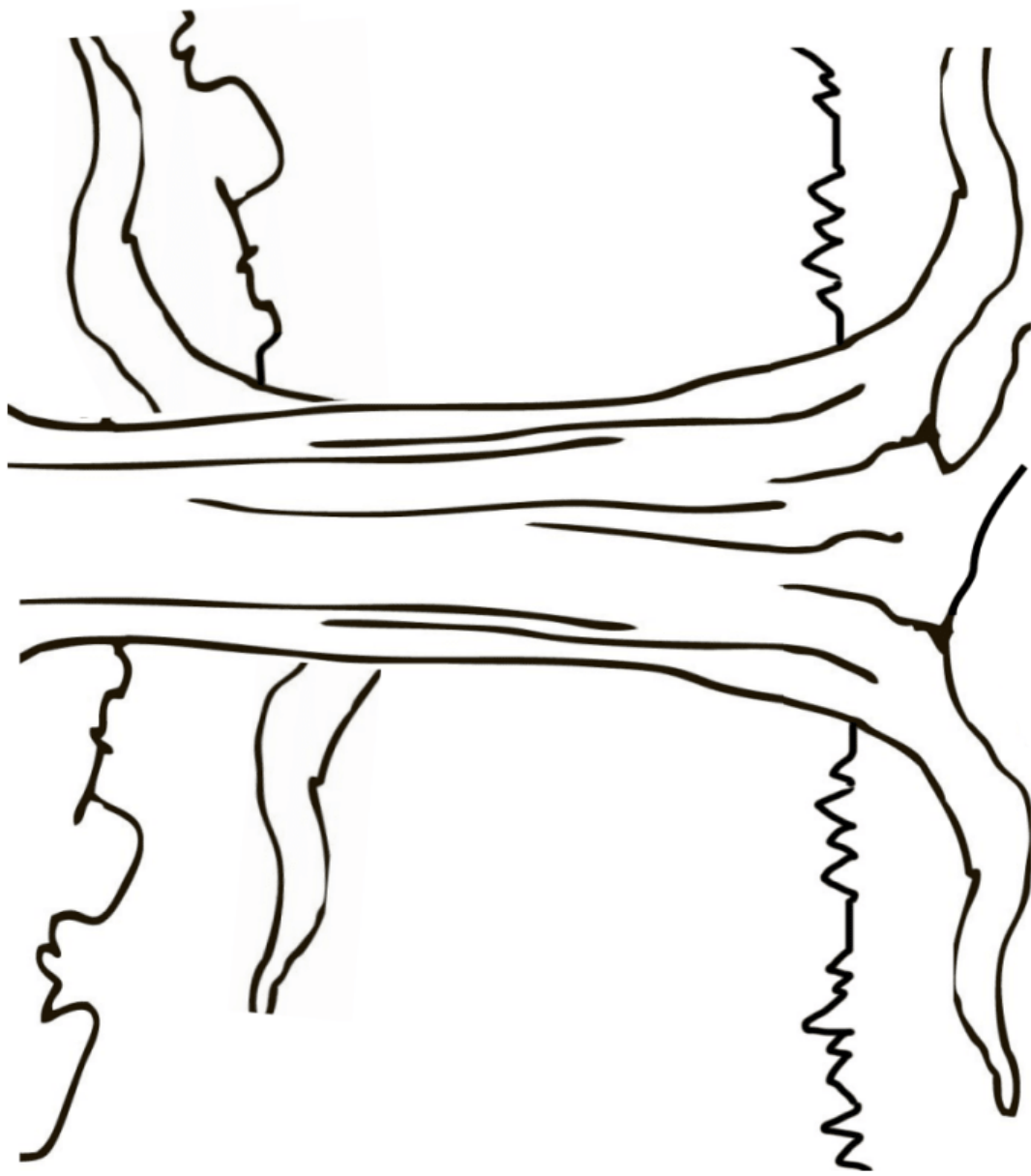
Draw an animal staying safe.

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



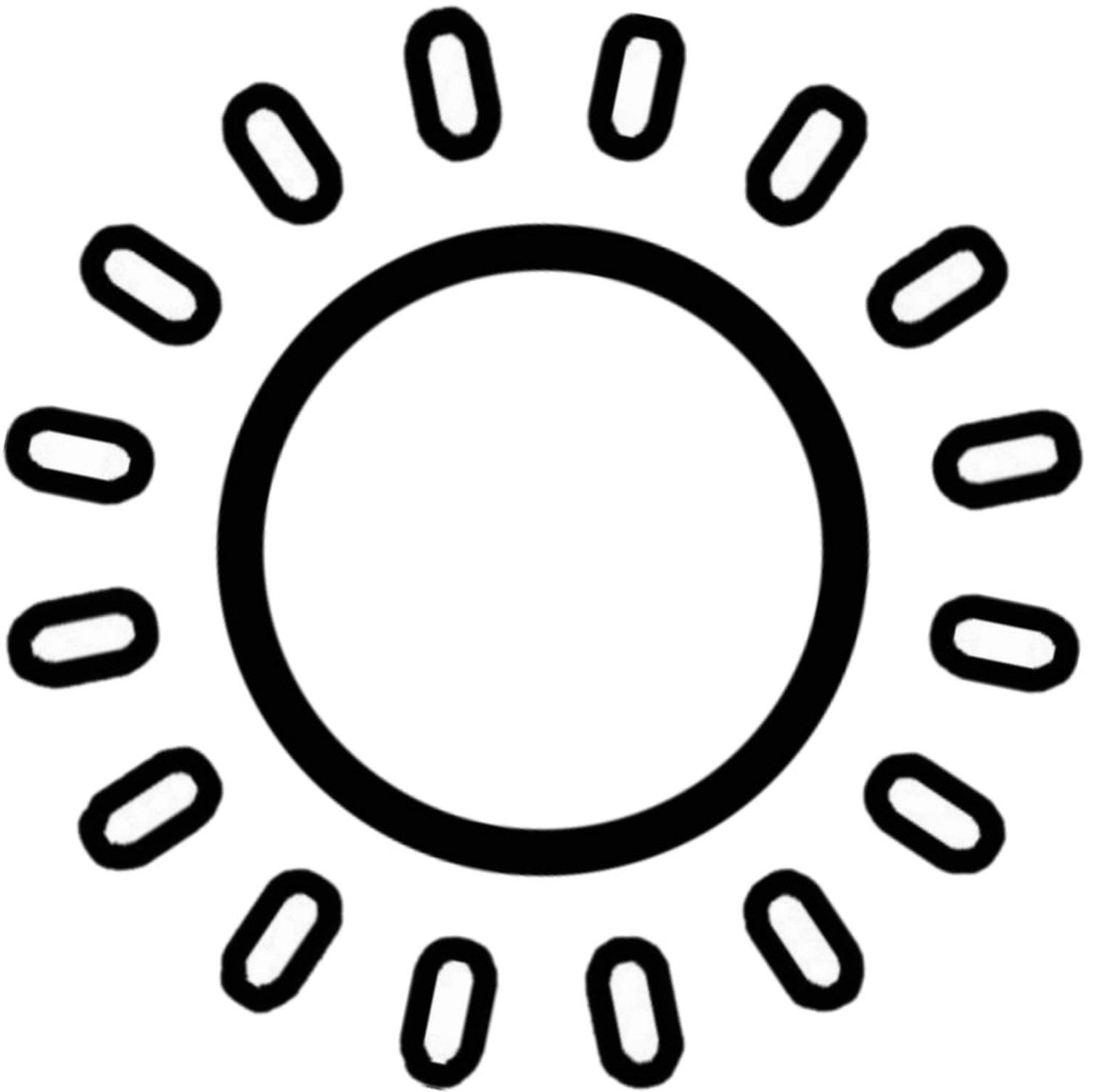
How do plants and trees grow?

Lesson 3

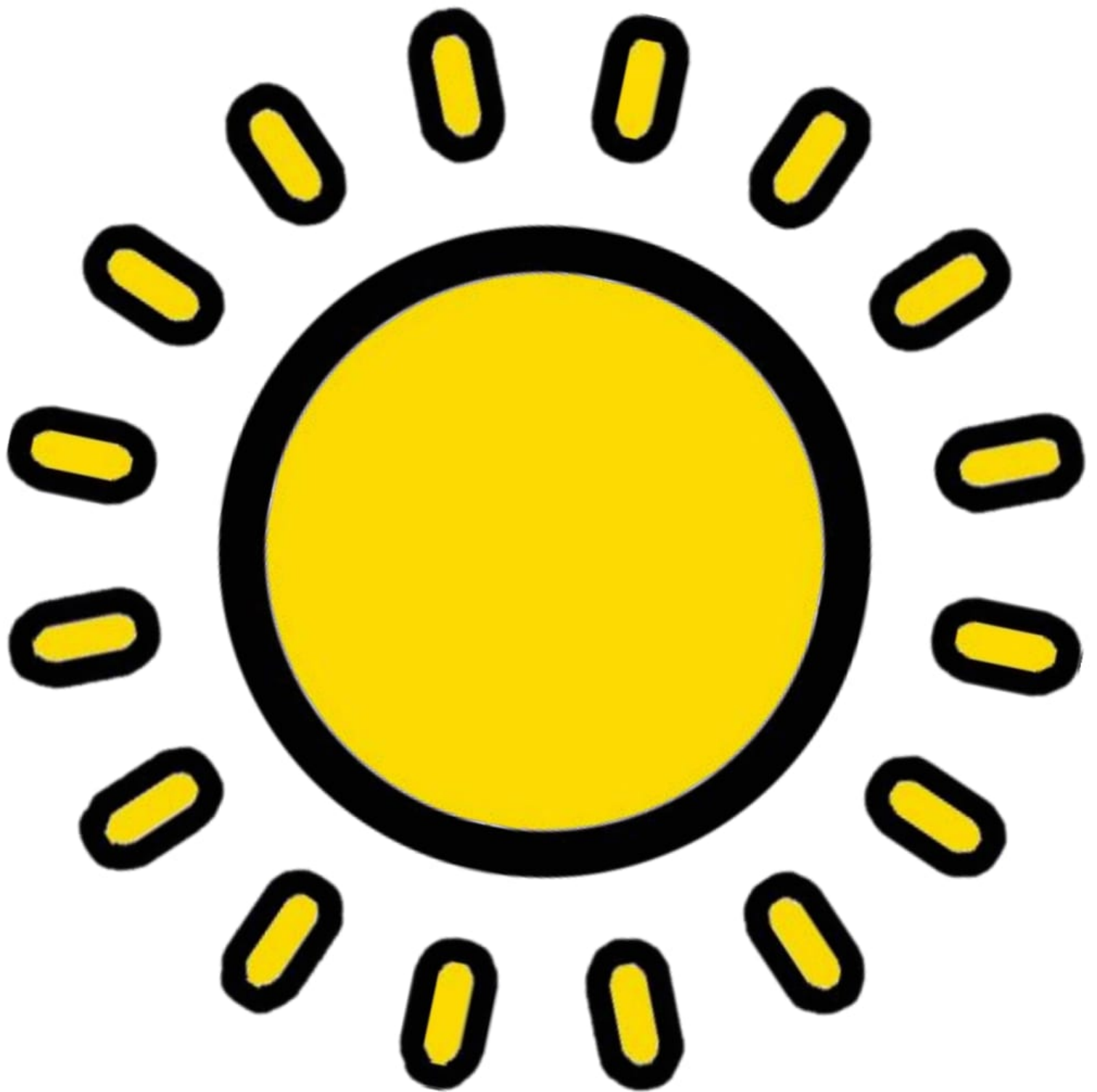


Why would you want an old log in your backyard?

I am also curious about...



mystery science
Are plants alive?



mystery science
Are plants alive?

Name: _____

Circle each picture that NEEDS...



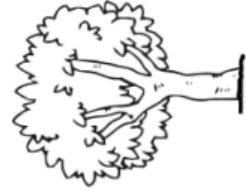
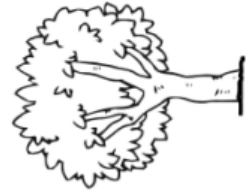
Food



Water



Light



mystery science
Are plants alive?

Name: _____

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



Seeds need...

Name: - - - - -

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...

Name: _____

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: _____

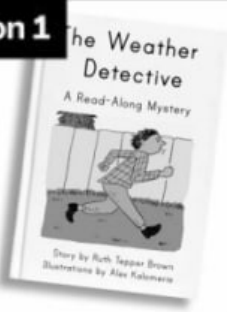
Draw your favorite kind of weather.

Describe the weather you drew above.

Weather Patterns

Grade K • NGSS • Unit Worksheets

Lesson 1



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...

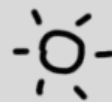
Name _____

mystery science

How do you know what to wear
for the weather?

Weather

Day 1



sunny



partly
sunny



cloudy



hot



mild



cold



rainy

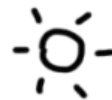


snowy



dry

Day 2



sunny



partly
sunny



cloudy



hot



mild



cold



rainy

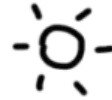


snowy



dry

Day 3



sunny



partly
sunny



cloudy



hot



mild



cold



rainy

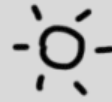


snowy

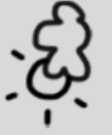


dry

Day 4



sunny



partly
sunny



cloudy



hot



mild



cold



rainy



snowy



dry

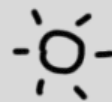
Name _____

mystery science

How do you know what to wear
for the weather?

Weather

Day —



sunny



partly
sunny



cloudy



hot



mild



cold



rainy

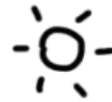


snowy



dry

Day —



sunny



partly
sunny



cloudy



hot



mild



cold



rainy

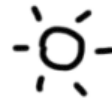


snowy



dry

Day —



sunny



partly
sunny



cloudy



hot



mild



cold



rainy

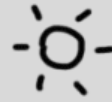


snowy



dry

Day —



sunny



partly
sunny



cloudy



hot



mild



cold



rainy



snowy



dry

Name: _____

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

Morning

Midday

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

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



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?



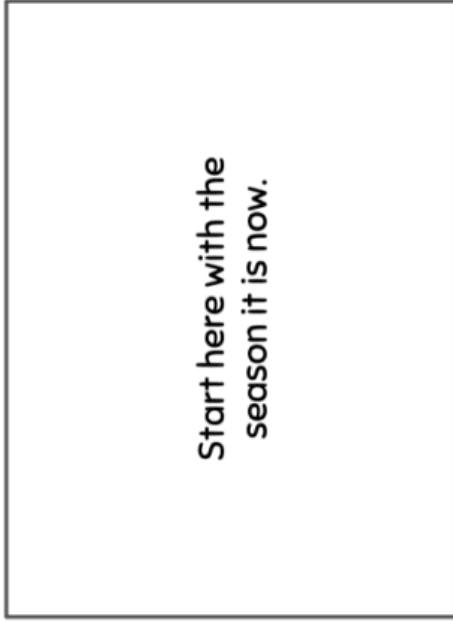
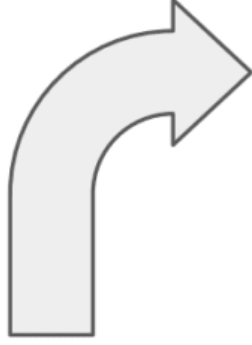
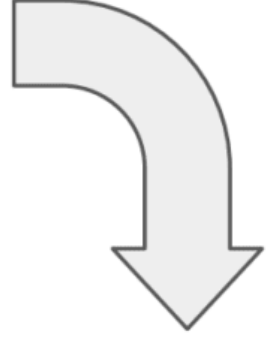
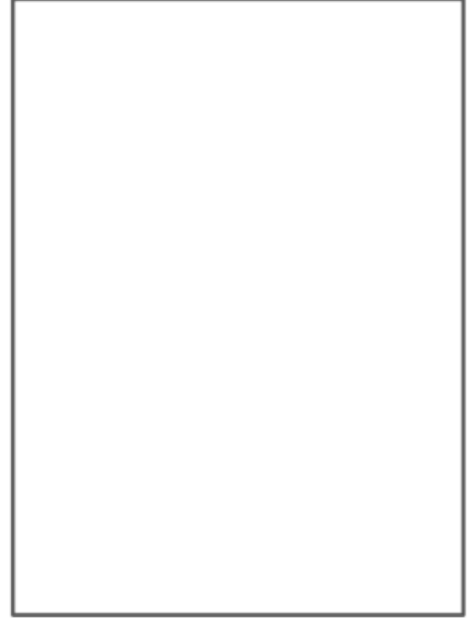
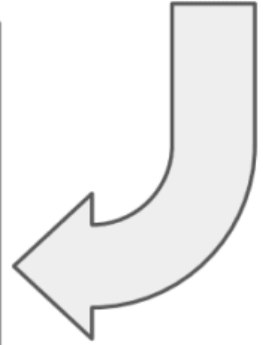
mystery science

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



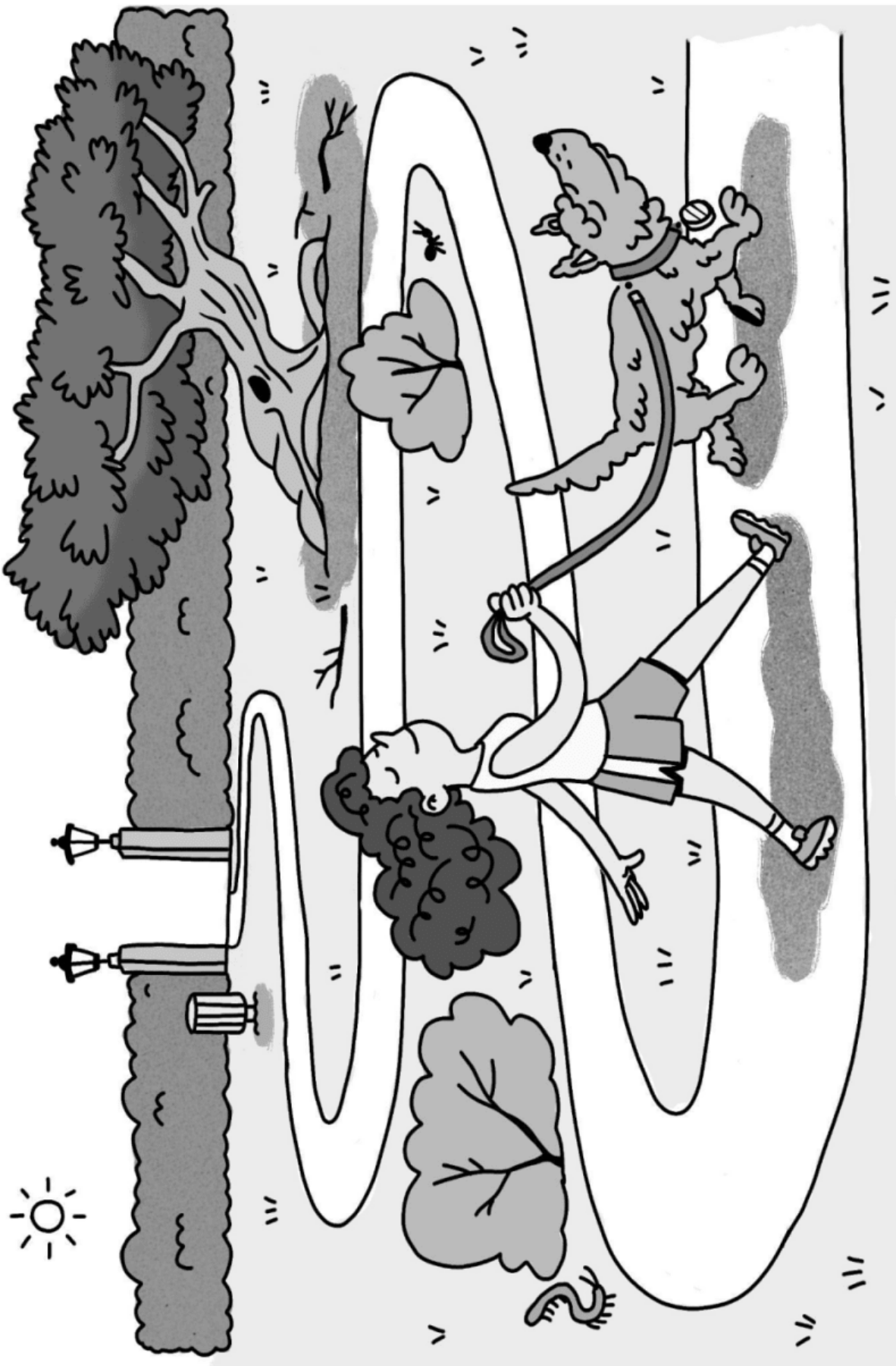
Summer



Name: _____

mystery science

Why do birds lay eggs in the spring?



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

Sunlight & Warmth

Grade K • NGSS • Unit Worksheets

Lesson 1



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

Lesson 2



How could you warm up a frozen playground?

Lesson 3



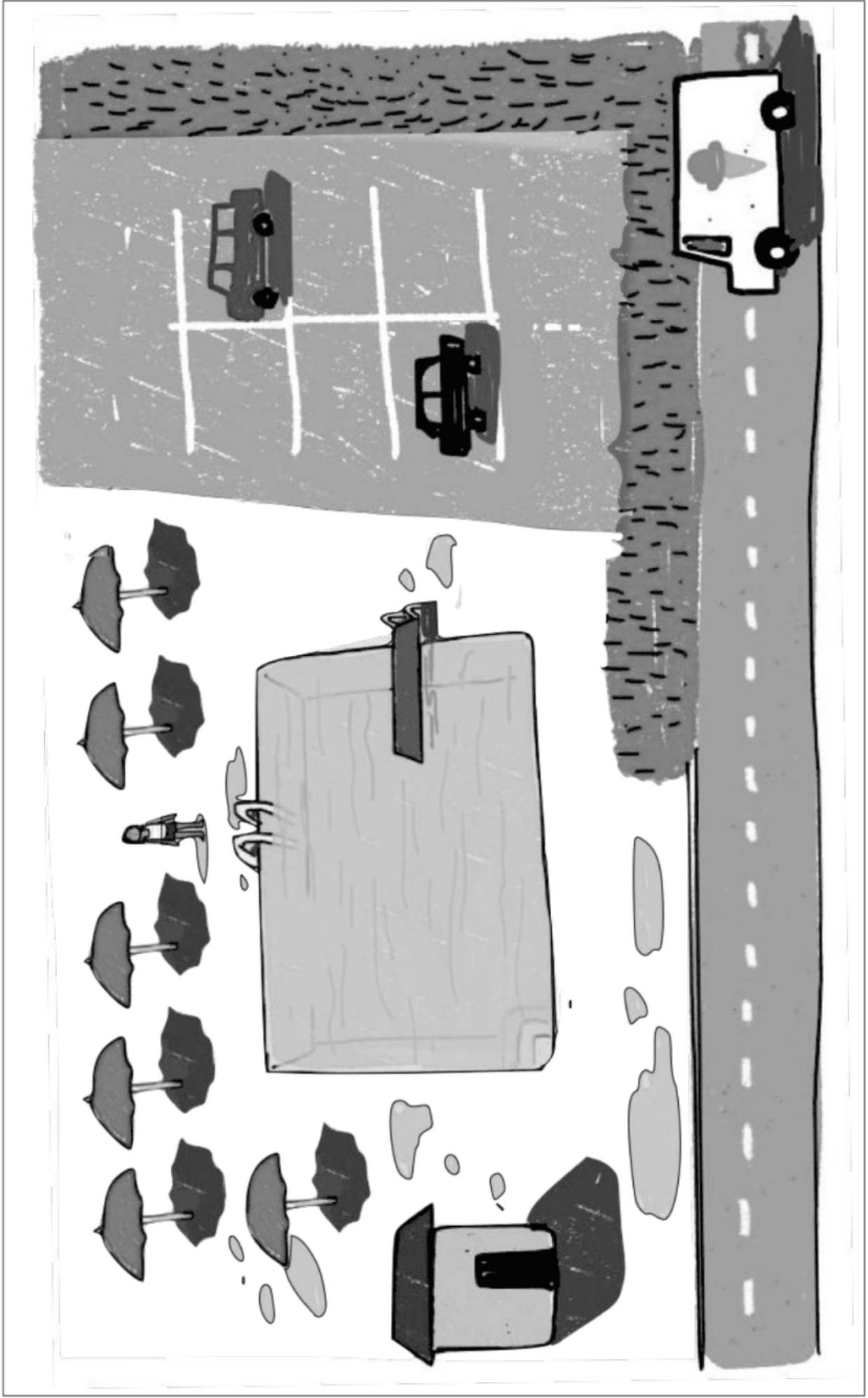
Why does it get cold in winter?

I am also curious about...

Find a cool path for Keya.

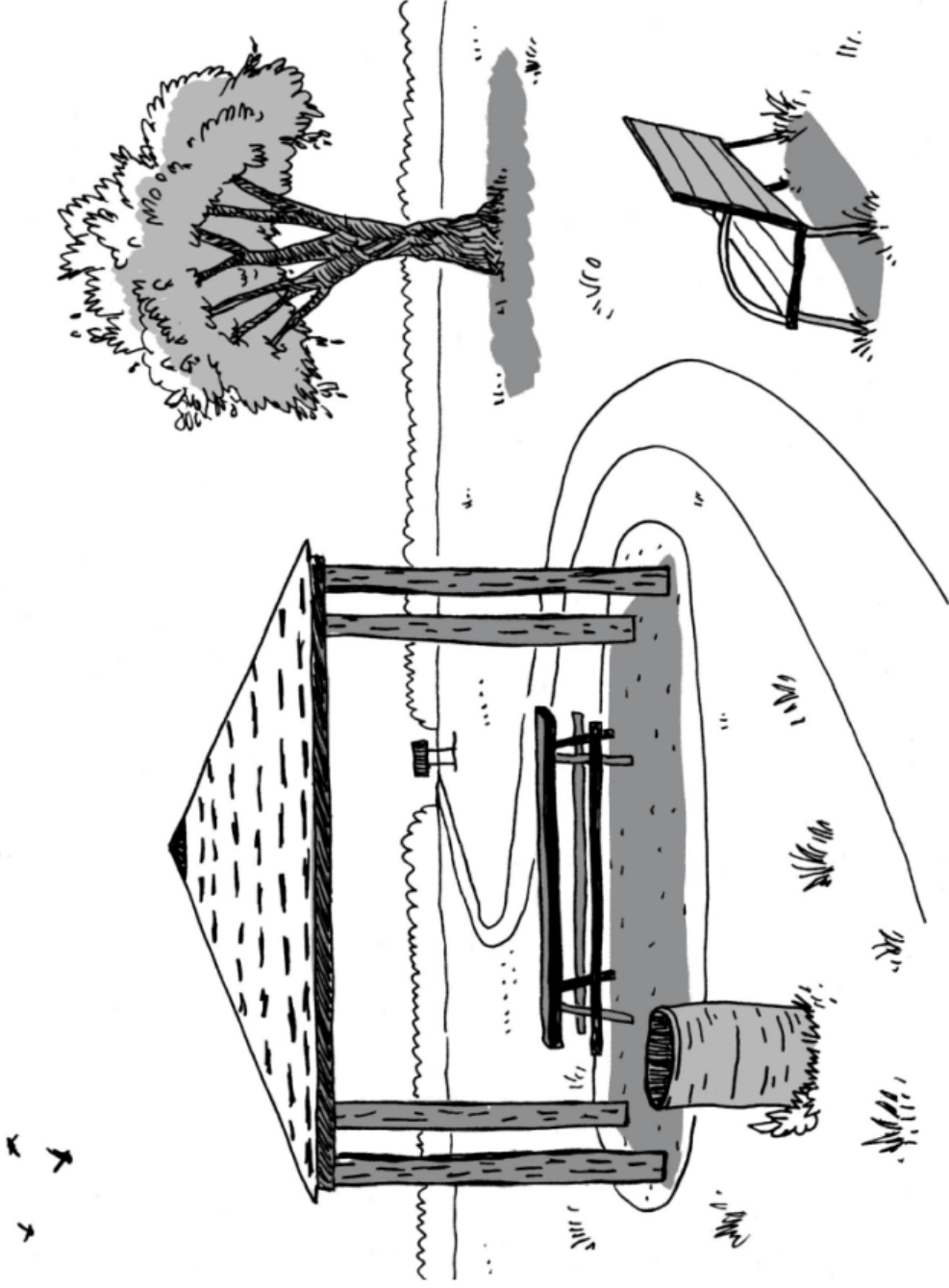
mystery science

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



Name: _____

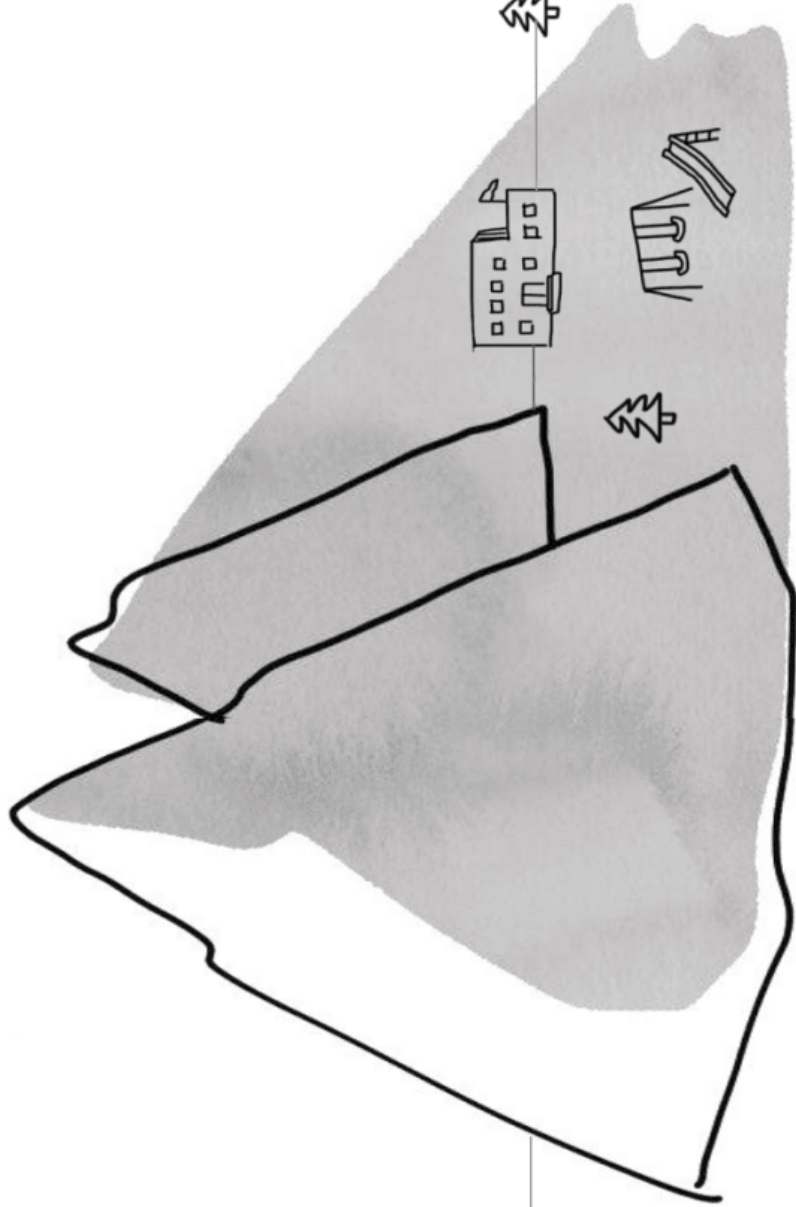
Mark places with an "X" where you could stay cool.



It is cooler where...

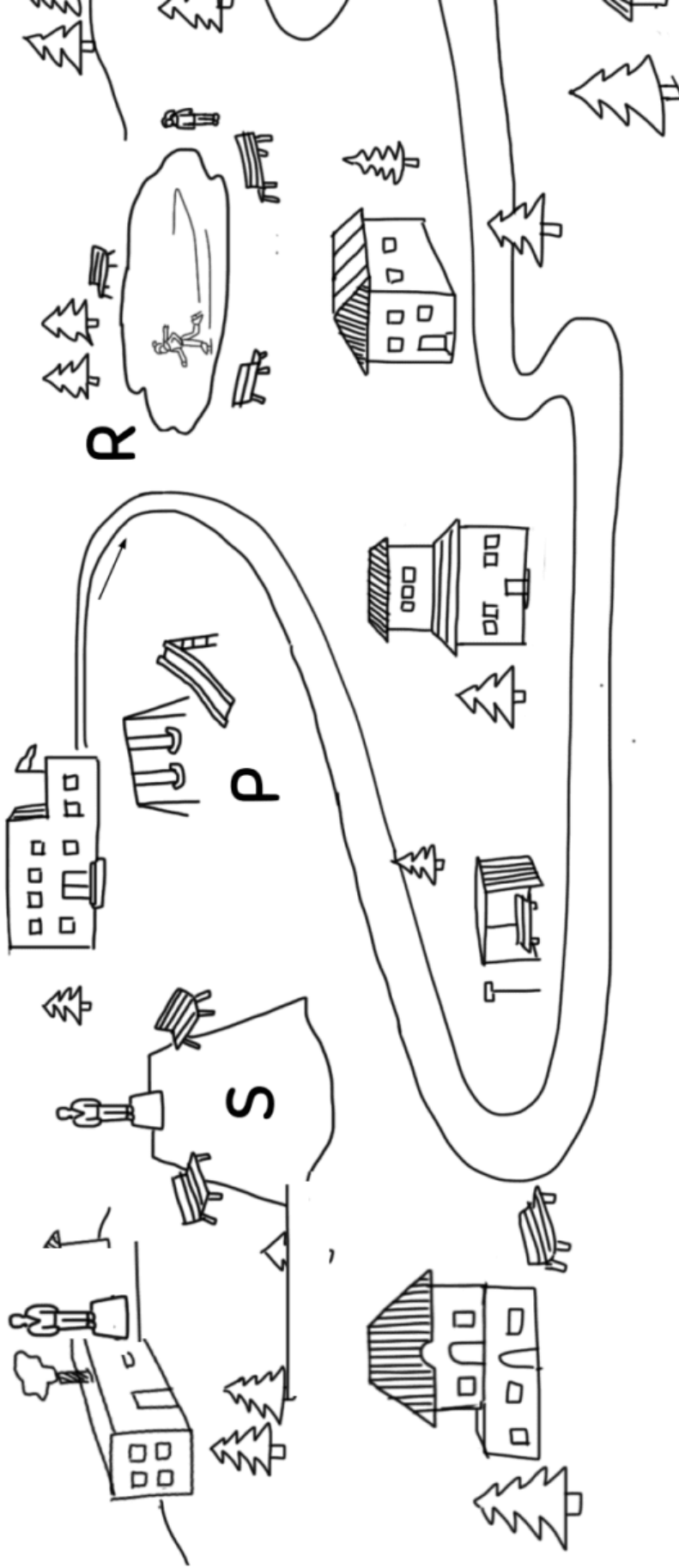
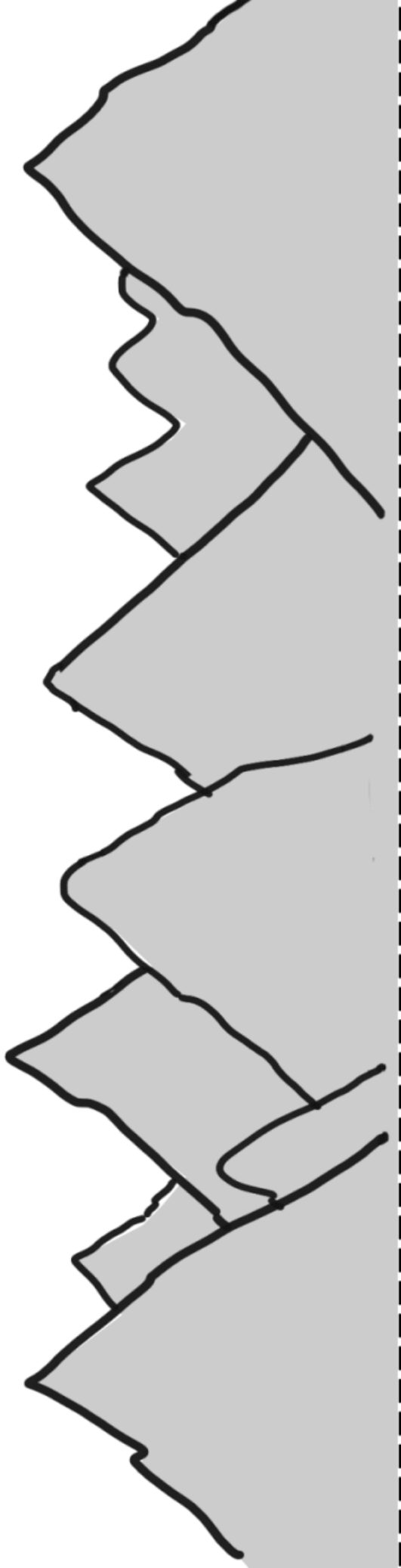
Name:

Draw what you would build to keep the playground warm.



mystery science

How could you warm up a frozen playground?

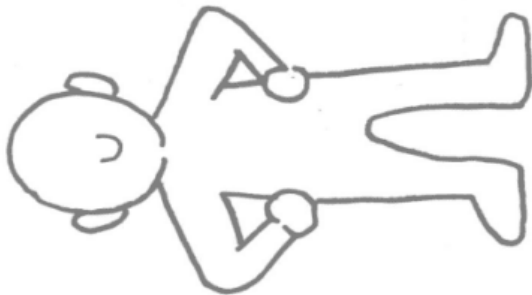


Chill City

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.



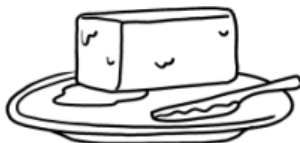
3.



4.



5.



Pushes & Pulls

Grade K • NGSS • Unit Worksheets

Lesson 1



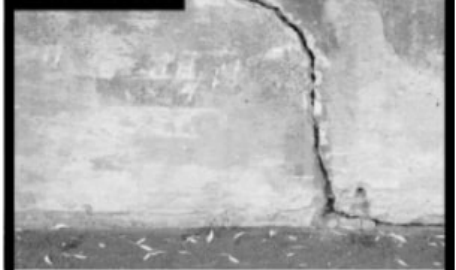
What's the biggest excavator?

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

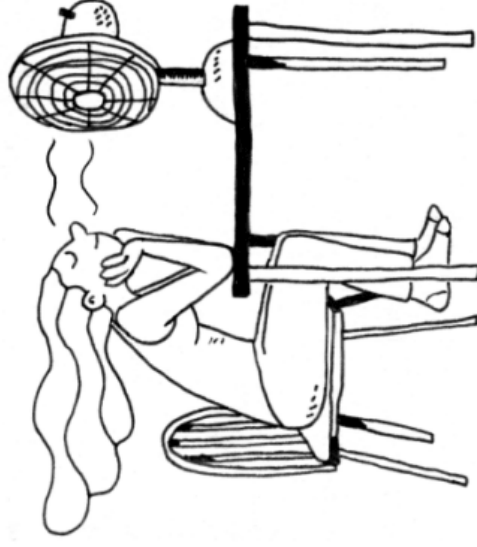
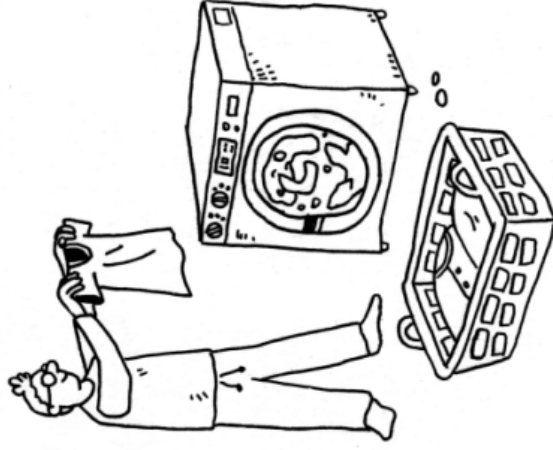
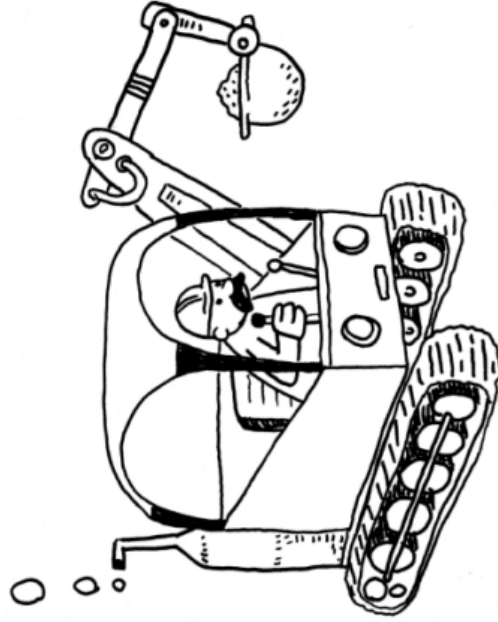


How could you invent a trap?

I am also curious about...

Name: _____

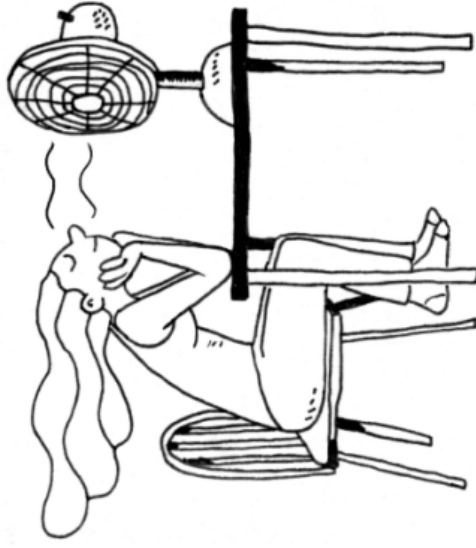
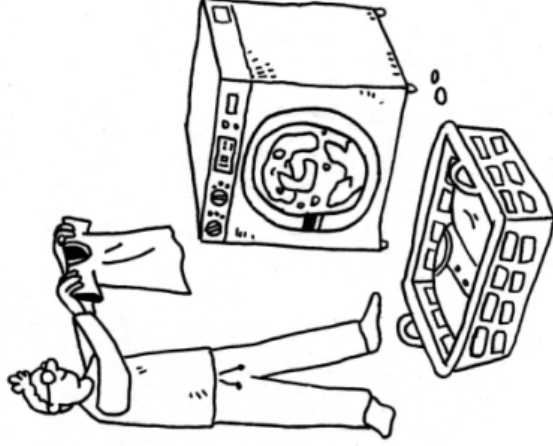
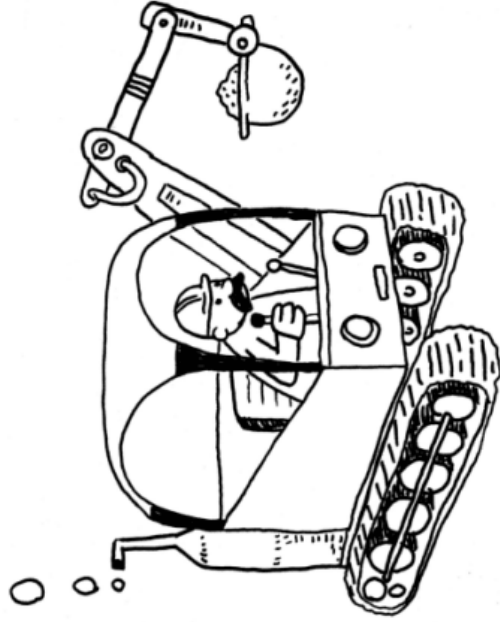
Circle the machines that spin.



Machines help humans...

Name: _____

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



washes

digs

spins

Machines help humans...

Name: _____

Draw your favorite big machine doing work.

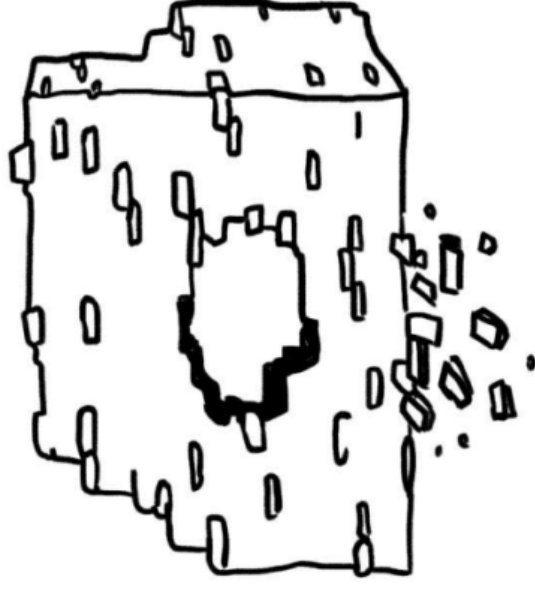
My machine is called a...

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

push tilt spin lift dig pull

Name: _____

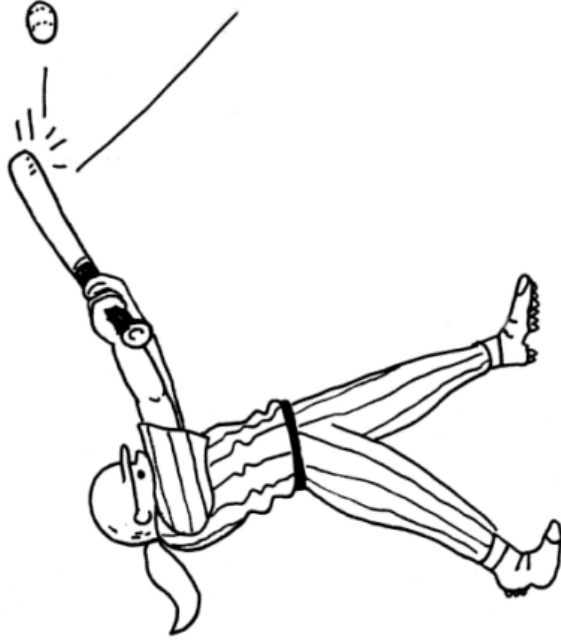
Draw a wrecking ball doing work.



The ball will hit the wall harder if...

Name: _____

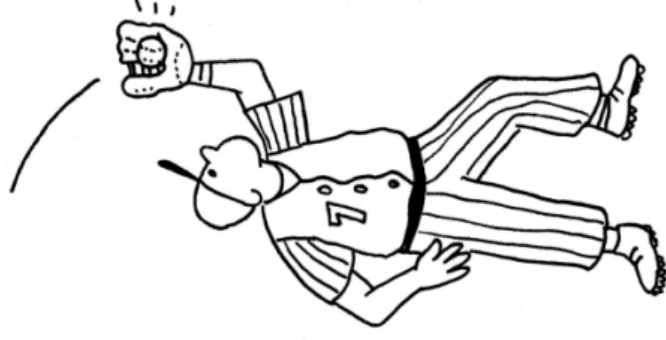
Circle the correct words below each drawing.



The player hits the ball.

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

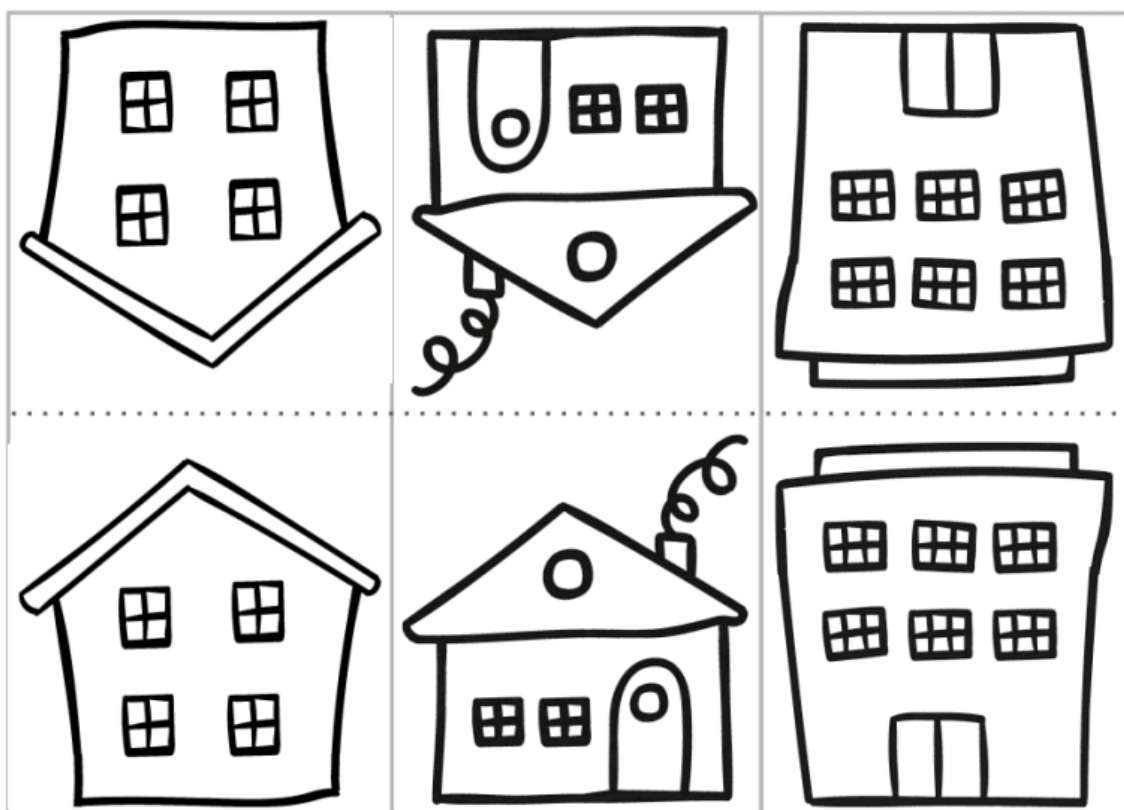
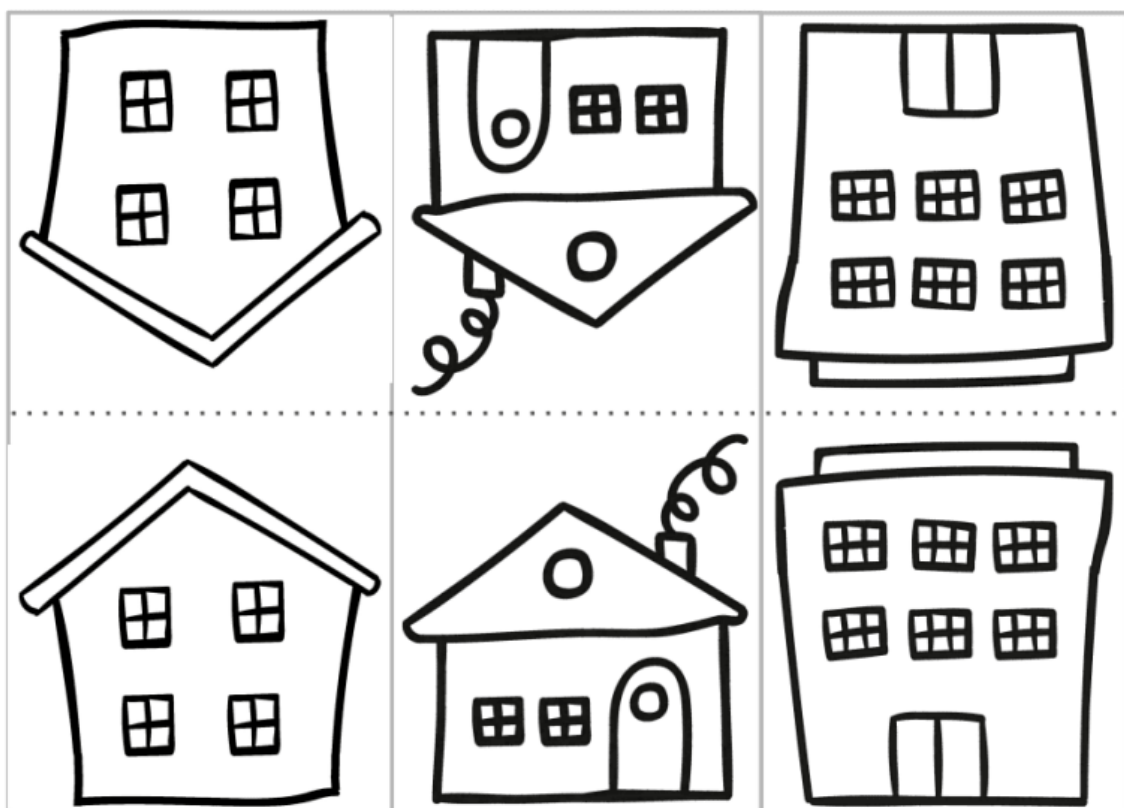
The ball changes direction /
stops moving.
(circle one)



The player catches the ball.

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

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

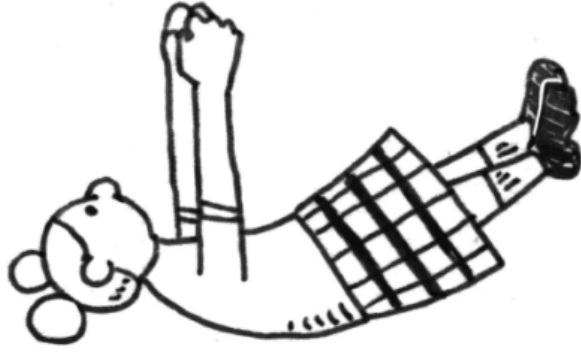


mystery science
How can we protect a mountain town from falling rocks?

Name: _____

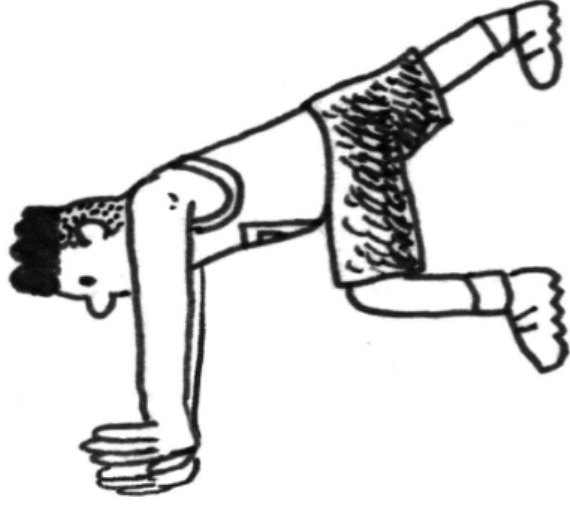
Something I pull is....

Draw your ideas below.



Something I push is....

Draw your ideas below.



Name: _____

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

My machine would help me...