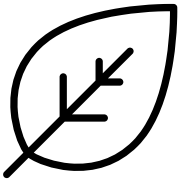
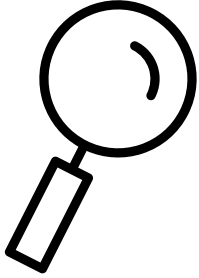
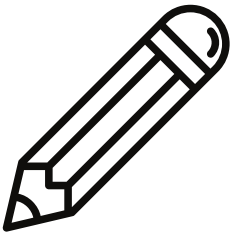


FRENCHMAN BAY CONSERVANCY

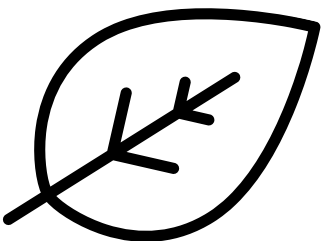
COLORING & ACTIVITY PAGES



These coloring & activity pages are designed to help you learn about & explore nature on a trail or in your own backyard!

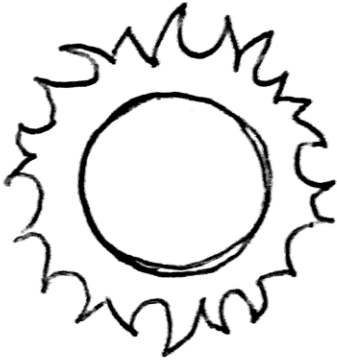


These pages & original illustrations were designed by Kenyon Grant, Maine Master Naturalist, spring 2020.



MAINE MASTER NATURALIST PROGRAM

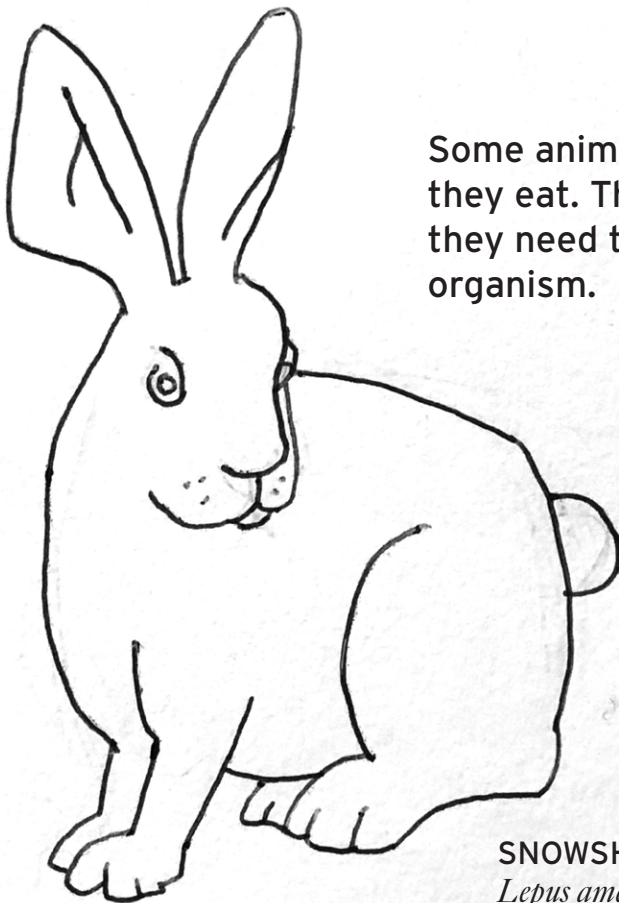
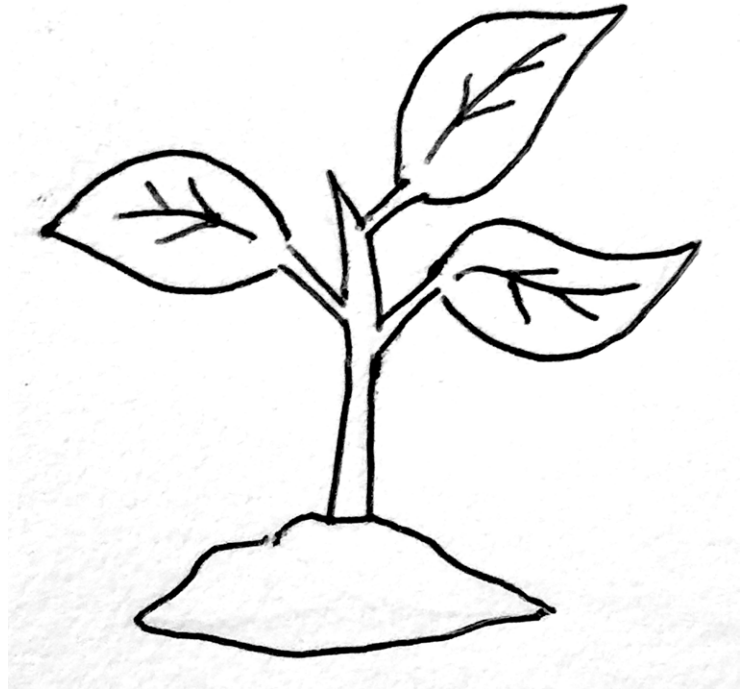
ECOLOGY



Every living thing needs energy.
All of our energy on Earth starts with **THE SUN**.

Plants can take the light that the sun provides and turn it into energy through **PHOTOSYNTHESIS**.

They are called **PRODUCERS**, because they can make their own energy with the help of the sun.



Some animals get their energy from the plants they eat. They are called **CONSUMERS**, because they need to get their energy from another living organism.

SNOWSHOE HARE
Lepus americanus

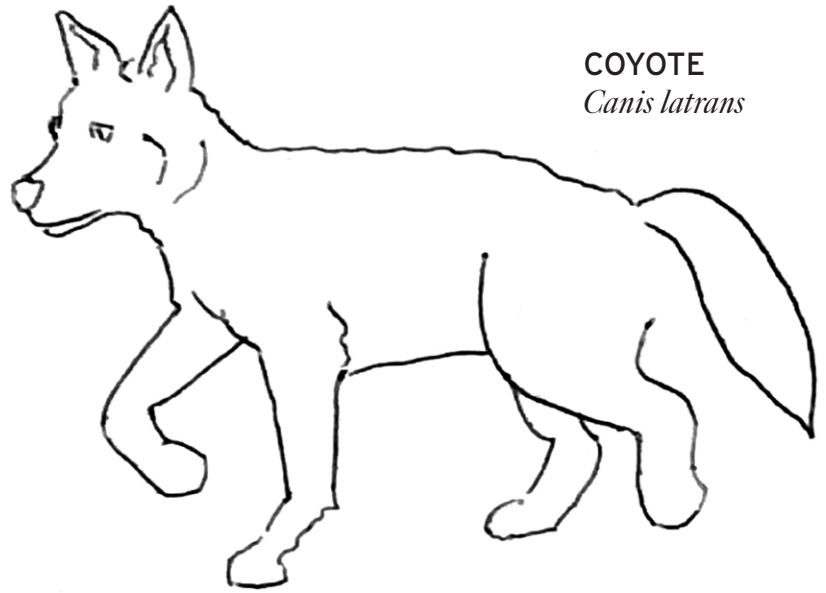
WHAT IS A SCIENTIFIC NAME?

Many animals have more than one "common name", especially if they live in many different places.

Having a scientific name makes it easier for scientists to know they are talking about the same species.

For example: the puma, the mountain lion, and the cougar are all names for the same animal! Its scientific name is *Puma concolor*.

Some animals eat other animals. They get their energy from the animals they eat. They are also called **CONSUMERS**.



COYOTE
Canis latrans

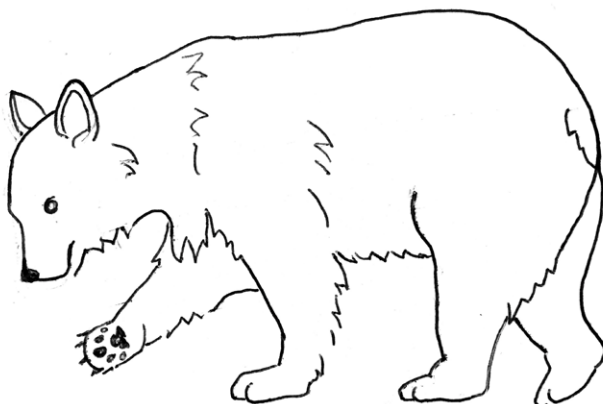


MEADOW MUSHROOM
Agaricus campestris

DECOMPOSERS get their energy from things that are already dead. They help the entire ecosystem by returning nutrients from dead things into the environment.

A living thing is also called an **ORGANISM**.

Do you know which of these is a consumer and which is a producer?

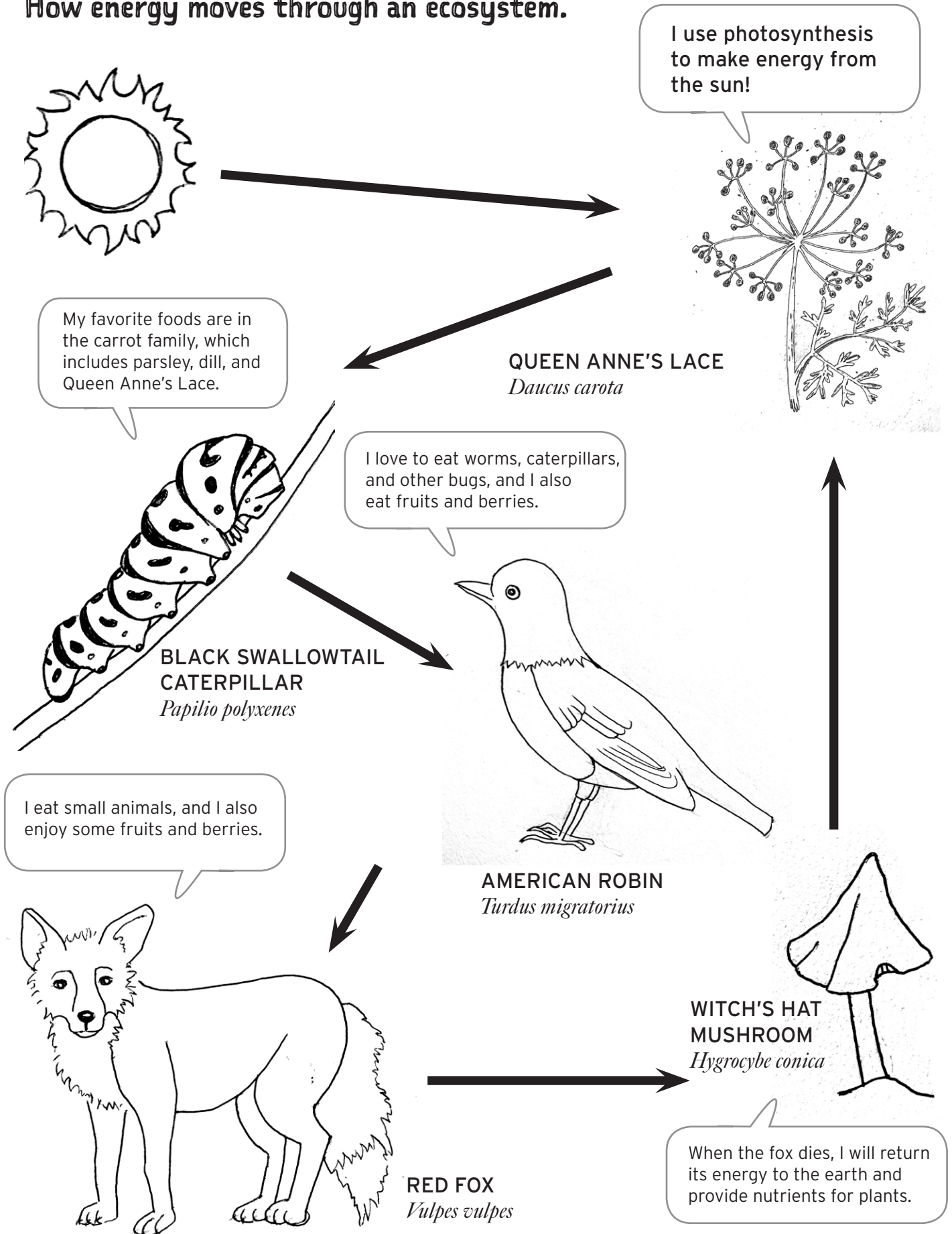


BLACK BEAR
Ursus americanus



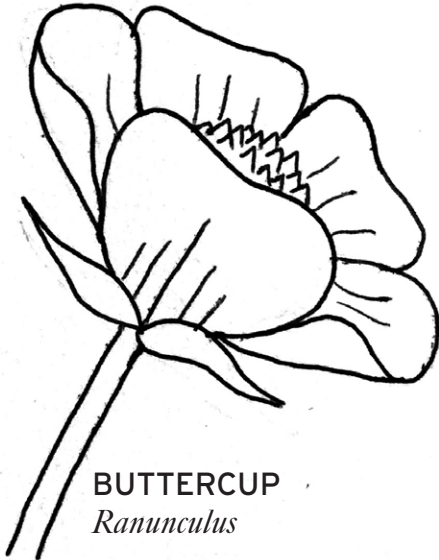
NORTHERN RED OAK
Quercus rubra

How energy moves through an ecosystem.



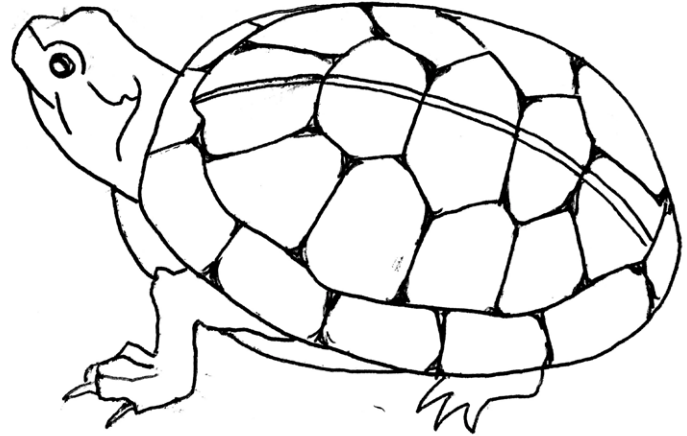
Match each organism with the place where it would most like to live,

I need lots of sunshine!



PAINTED TURTLE

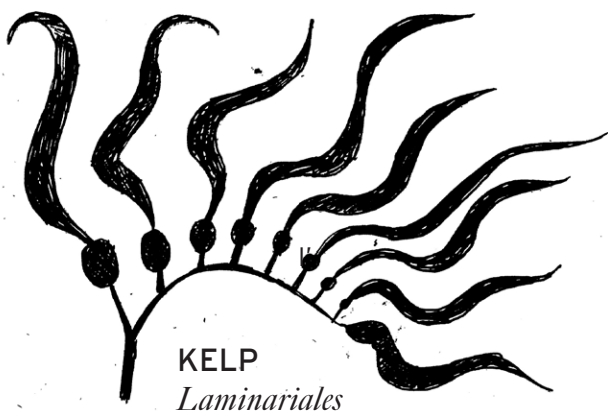
Chrysemys picta



**A POND NEAR
THE WOODS**

**AN OPEN MEADOW
WITH LOTS OF SUN**

I cling to rocks and
I love the ocean.



Acorns are my
favorite food.

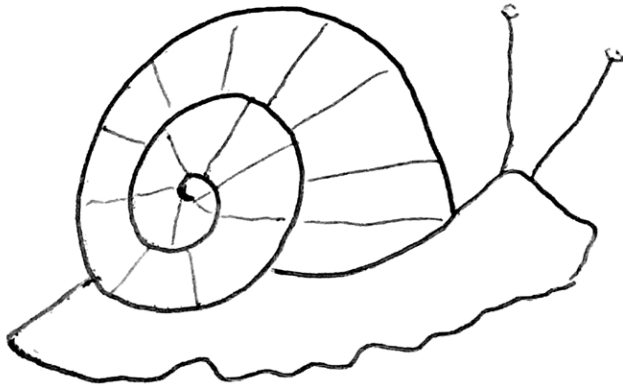
RED SQUIRREL

Sciurus vulgaris



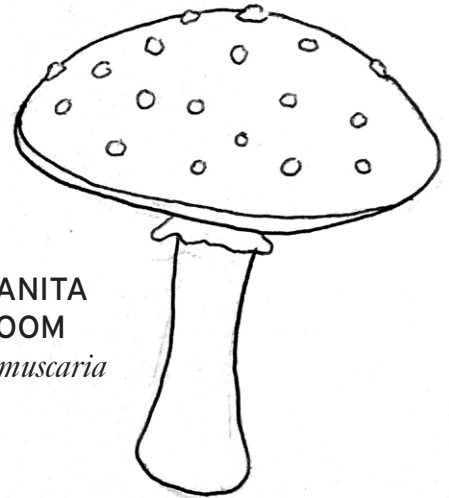
and then match it to another member of its natural community.

I need saltwater!



COMMON PERIWINKLE
Littorina littorea

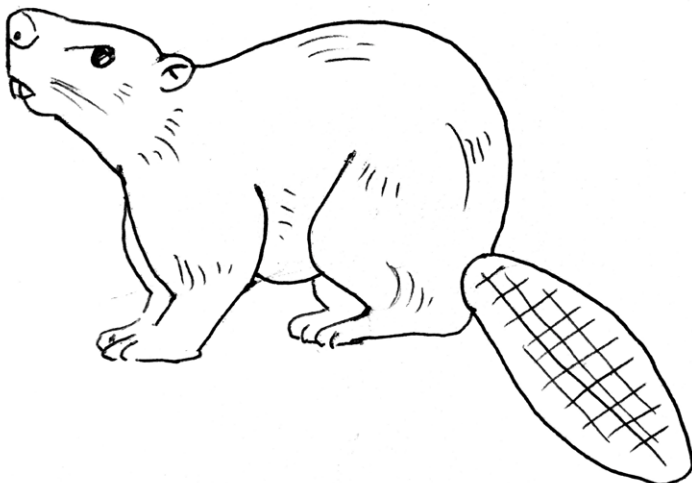
I like to grow with birches,
pines and spruces



FLY AMANITA
MUSHROOM
Amanita muscaria

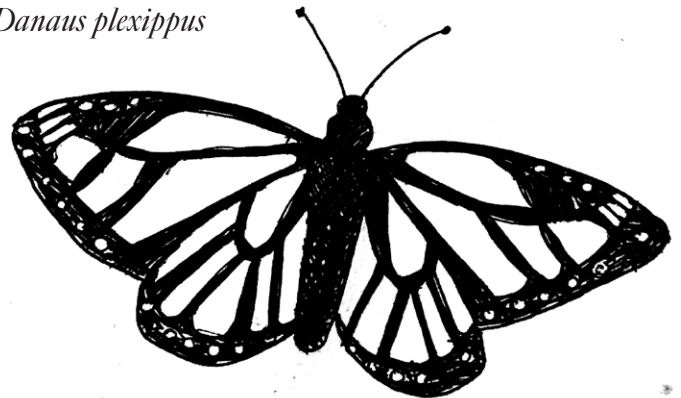
AN FOREST WITH BIG TREES

I build my home in the water.



A ROCKY TIDE POOL

MONARCH BUTTERFLY
Danaus plexippus



I'd like to live somewhere
with lots of flowers.

The best way to start to understand the natural community is to make a list of what you observe. Use these questions as a starting point.

Do you see any water? Is it saltwater or freshwater?

Do you see any trees? Do they have leaves or needles?

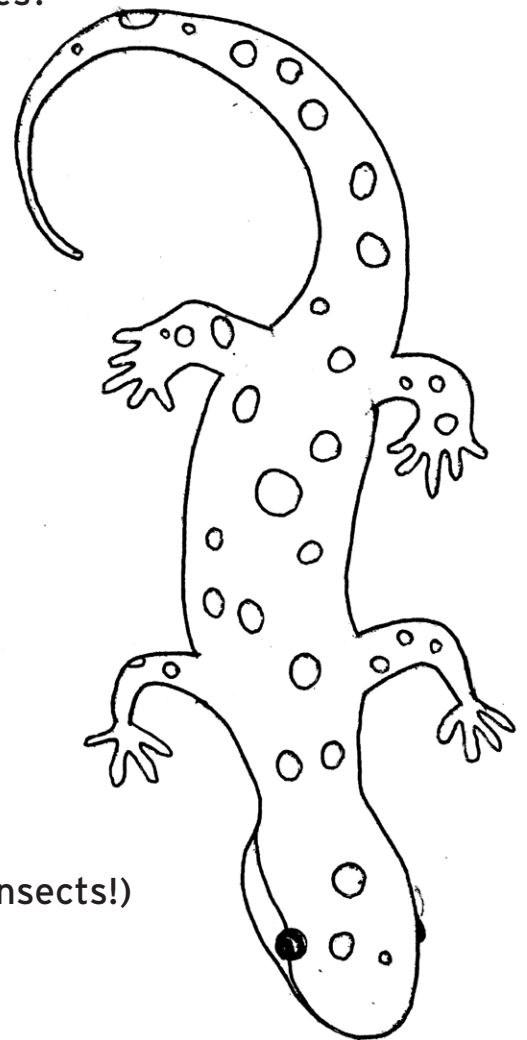
Do you see any flowers? Any ferns?

Do you see any other plants?

Do you see any birds? Do you hear any birds?

Do you see any other animals? (Don't forget about insects!)

What else do you see? What have you learned?



SPOTTED SALAMANDER
Ambystoma maculatum