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.

Frenchman Bay Conservancy

MAINE MASTER NATURALIST PROGRAM
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.

**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*. 

**SNOWSHOE HARE**

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

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

**COYOTE**
*Canis latrans*

**MEADOW MUSHROOM**
*Agaricus campestris*

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.

I eat small animals, and I also enjoy some fruits and berries.

My favorite foods are in the carrot family, which includes parsley, dill, and Queen Anne’s Lace.

I love to eat worms, caterpillars, and other bugs, and I also eat fruits and berries.

When the fox dies, I will return its energy to the earth and provide nutrients for plants.

I use photosynthesis to make energy from the sun!

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

**BUTTERCUP**
*Ranunculus*

I cling to rocks and I love the ocean.

**KELP**
*Laminariales*

I need lots of sunshine!

**PAINTED TURTLE**
*Chrysemys picta*

I like freshwater and I love to eat small fish.

**A POND NEAR THE WOODS**

**AN OPEN MEADOW WITH LOTS OF SUN**

**RED SQUIRREL**
*Sciurus vulgaris*

Acorns are my favorite food.
I need saltwater!

I like to grow with birches, pines and spruces

COMMON PERIWINKLE
_Littorina littorea_

FLY AMANITA MUSHROOM
_Amanita muscaria_

AN FOREST WITH BIG TREES

A ROCKY TIDE POOL

I build my home in the water.

MONARCH BUTTERFLY
_Danaus plexippus_

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

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