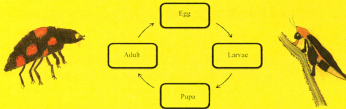


# THE STUDY OF LIFE CYCLES



**GRADE 2, ROOM 24  
ALICE B. BEAL EXPEDITIONARY  
LEARNING SCHOOL  
SPRING 2009**

## Learning Targets Grade 2, Room 24

- I can recognize that animals (including humans) and plants are living things that grow, reproduce, and need food, air, and water.
- I can differentiate between living and nonliving things.
- I can recognize that animals have life cycles and life cycles vary for different living things.
- I can describe ways in which many plants and animals closely resemble their parents in observed appearance.
- I can describe the major stages that characterize the life cycle of the frog and butterfly as they go through metamorphosis.
- I can make a language arts based activity page using an online application.
- I can draw a representation of an insect or animal using multiple drafts.

## Table of Contents

Michael-David  
A'nya-Janell  
Luis- Danny  
Brandon-Chris  
Benjamin-Matthew  
Mariah-Jaclyn  
Jalen-Alizea  
Alvin-Eugene  
Nyalah-Haley  
Ernie- Joseph C  
Joseph A-Jerry  
Aaron-Alexa  
Samuel

Ladybug  
Painted Lady Butterfly  
Frog  
Cricket  
Stag Beetle  
Bee  
Grasshopper  
Dragonfly  
Firefly  
Cockroach  
Darkling Beetle  
Ants  
Mosquito

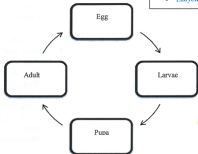
# LIFE CYCLE OF THE LADYBUG

## Habitat

You can find ladybugs where there are lots of flowers and trees. Most gardens have ladybugs living in them.

## Life Cycle

- Egg
- Larvae
- Pupa
- Ladybug (Adult)



## What do Ladybugs eat?

Some ladybugs feed on leaves of plants. Most ladybugs feed on aphids that eat farmer's crops.

## Interesting Facts

- A female ladybug will lay more than 1,000 eggs in her lifetime.
- A gallon jar will hold from 72,000 to 80,000 ladybugs.
- There are 5,000 ladybugs in the world.

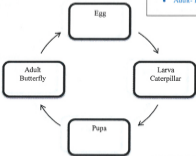
# LIFE CYCLE OF THE PAINTED LADY BUTTERFLY

## Habitat

The Painted Lady Butterfly lives in every continent in the world except in Australia and Antarctica. They are found in warm places and in gardens.

## Life Cycle

- Egg
- Larva
- Chrysalis
- Adult- Butterfly



## What do Painted Lady Butterflies eat?

The Painted Lady Butterfly eats many different types of nectar. They eat green leaves and sip the juice of rotten fruit.

## Interesting Facts

- Painted Lady Butterflies fly to faraway places after storms, floods and other bad weather.
- The Painted Lady Butterfly lives for about two weeks.

# LIFE CYCLE OF THE FROG

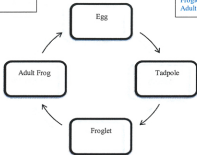
## Habitat

Frogs live in trees, near lakes, in ponds, in swamps, and in the forest.



## Life Cycle

Egg  
Tadpole  
Froglet  
Adult frog



## What do frogs eat?

Frogs eat dragonflies, beetles, grasshoppers and moths.

## Interesting Facts

- Some frogs pretend that they are dead so animals will leave them alone.
- There is a frog called the pig frog.
- Frogs hibernate in the winter.

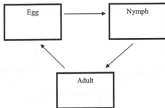
# LIFE CYCLE OF THE CRICKET

## Habitat

Crickets can be found in your backyard and in gardens.

## Life Cycle

Egg  
Nymph  
Adult



## What do Crickets eat?

Some crickets eat plants and animals. Mole Crickets eat roots and seedlings. House Crickets eat many different kinds of food.

## Interesting Facts

- There are more than 2,600 kinds of crickets.
- The Eastern Ant Cricket lives in an ant nest.

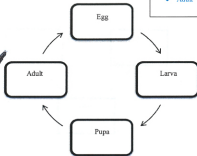
# LIFE CYCLE OF THE STAG BEETLE

## Habitat

Beetles live in almost every country in the world. They live in rivers, streams, grasslands, woodlands and on mountains, too.

## Life Cycle

- Egg
- Larva
- Pupa
- Adult



## What do Stag Beetles eat?

Stag Beetles eat snails and worms.

## Interesting Facts

- The larva of the Stag Beetle has tiny jaws.
- There are more than 1,200 species of beetles.
- Beetles live for only a few days.



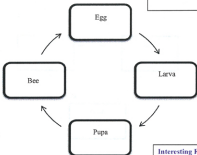
# LIFE CYCLE OF THE BEE

## Habitat

Bees can live in many different places. You might not think bees live in long grass, but they do. Some bees live underground. Bees also live in hollow trees or logs.

## Life Cycle

1. Egg
2. Larva
3. Pupa
4. Bee



## What they eat?

Bees eat pollen from flowers. When the weather is cold bees will eat honey that they have made.

## Interesting Facts:

- Honey Bees have five eyes.
- When the Honey Bee larvae hatch they have no eyes, no wings, and no legs.
- Bees dance in the shape of the number 8 to show other bees where lots of flowers are.

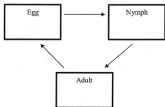
# LIFE CYCLE OF THE GRASSHOPPER

## Habitat

Grasshoppers are found all over the world.  
They live in fields, woods and underground.

## Life Cycle

Egg  
Nymph  
Adult Grasshopper



## What do Grasshoppers eat?

Grasshoppers eat grass, leaves and plants.

## Interesting Facts

- Some grasshoppers are born with 2 eyes, but others can be born with 6 eyes.
- Grasshoppers can be as long as your finger.

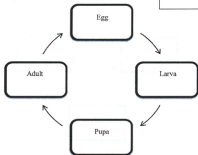
# LIFE CYCLE OF THE FIREFLY

## Habitat

Fireflies can be found in trees, bushes, underground and on the ground.

## Life Cycle

Egg  
Larva  
Pupa  
Adult Firefly



## What they eat?

Fireflies eat little creatures, snails, flies and slugs.

## Interesting Facts

- Fireflies are not flies at all; they are a kind of beetle.
- Fireflies flash in a pattern like a secret code to attract females.

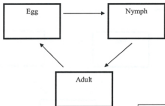
# LIFE CYCLE OF THE COCKROACH

## Habitat

Cockroaches live in forests, caves, holes in rocks, rotting wood, and in moist, warm places.

## Life Cycle

Egg  
Nymph  
Adult Cockroach



## What do Cockroaches eat?

Cockroaches eat mostly everything. They eat wood, termites, flies, wasps, and mosquitoes.

## Interesting Facts

- Cockroaches can swim and dive.
- Each eye is made up of 2,000 very small eyes.
- A cockroach could be longer than a computer mouse.
- Some can fit on a small button or a coin.

## LIFE CYCLE OF THE MILKWEED BUG

### Habitat

Milkweed Bugs can be found in North America and Mexico. You can find them in meadows on the leaves of milkweed plants.

### Life Cycle

- Egg
- Nymph
- Adult



Egg



Nymph



Adult



### What do Milkweed Bugs eat?

The Milkweed Bugs' favorite food is the tissue of the milkweed plant.

### Interesting Facts

- Milkweed Bugs fall to the ground and lie still when they are in danger.
- Milkweed Bugs were named after the plant they eat.

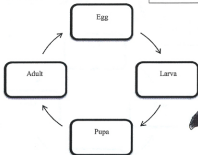
# LIFE CYCLE OF THE ANTS

## Habitat

Ants can be found living everywhere in the world except Antarctica. Ants are found on mountains and islands. Most ants live in tropical areas.

## Life Cycle

Egg  
Larva  
Pupa  
Adult



## What do ants eat?

Ants eat fruit, seeds, cookie crumbs, worms, caterpillars, and other insects. Ants eat beetles, termites, flies, spider eggs and earthworms. Ants even eat other ants.

## Interesting Facts

- Ants can carry 50 times their weight.
- Ants give off smells which other ants follow.
- The smell tells them if an ant is a friend or an enemy.

# LIFE CYCLE OF THE MOSQUITO

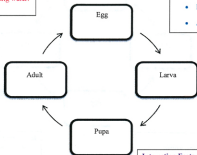


## Habitat

Mosquitoes can be found in storm water ponds, woodland pools, and in standing water.

## Life Cycle

- Egg
- Larva
- Pupa
- Adult



## What Mosquitoes eat?

Most mosquitoes feast on nectar, tree sap, and plant juices. Only females bite and drink blood.

## Interesting Facts

- The female mosquito lays her eggs in the water.
- A mosquito's heart is long and thin.
- There are 3,000 types of mosquitoes worldwide.