



**You are an
APPLE TREE**

**You can grow 15 to
30 feet tall.**

BIOME: You live in the deciduous forest biome

ADAPTATIONS: None.

**PRODUCE: You produce 100 to 400 pounds of apples
each year. It takes the energy from 50 leaves to
produce one apple.**



TO SURVIVE:

You need 2 nutrient cards.

You need 2 water cards.

**You need 3 sunshine cards. Once you are three years old, you
are tall enough to get plenty of sunshine and need only 2
sunshine cards.**

FOR MORE INFORMATION:

<http://urbanext.illinois.edu/apples/facts.cfm>

<http://www.gardenguides.com/100399-apple-tree-scientific.html>



**You are a
CLOVER**
**You are 1 to 2 inches
tall but can grow to a
foot tall.**

BIOME: You live in the deciduous forest biome

ADAPTATIONS: None.

PRODUCE: Clover leaves and blossoms.

TO SURVIVE:

You need 2 nutrient cards.

You need 2 water cards.

You need 3 sunshine cards.

FOR MORE INFORMATION:

<http://www.lasplagas.org/PMG/PESTNOTES/pn7490.html>

http://www.fcps.edu/islandcreekes/ecology/red_clover.htm

<http://www.gardenguides.com/100399-apple-tree-scientific.html>





**You are an
EARTHWORM
You are about 5”
long.**

HABITAT: Meadows, forests, anywhere with soil

DIET: Dead plants and animals.

ADAPTATIONS: As an invertebrate, you can burrow into the soil easily.

SPECIAL NICHE: As a decomposer you help recycle dead organisms and turn them into soil.



TO SURVIVE:

**You do not need sunlight or anything alive to survive.
You can get water from what you eat.**

FOR MORE INFORMATION:

<http://urbanext.illinois.edu/worms/>

<http://www.enchantedlearning.com/subjects/invertebrates/earthworm/Earthwormcoloring.shtml>

<http://www.gardenguides.com/100399-apple-tree-scientific.html>



You are a FOX
You are 15" tall and 2 feet long
with a 12" tail. You weigh 4
pounds.

HABITAT: You live in the forest and sleep in the open or under some berry bushes. If you have babies (called kits) you live under the roots of a big tree in a den or hole you dug out.

DIET: You are an omnivore than eats insects, small mammals like rabbits, squirrels and mice or whatever is available, including corn, berries, apples, cherries, grapes, acorns, and grasses. In winter you dine more on birds like nuthatches and mammals, but if aquatic invertebrates like crayfish are available, you'll eat them as well. If you can catch extra food, you do and hide it under snow, leaves, or soft dirt.

ADAPTATIONS: Your hearing is good, so good you can listen for the underground digging, gnawing, and rustling of small mammals. When you hear such sounds, you dig into the soil or snow to capture the animal. Your tail helps you stay warm. In the open, you curl into a ball, wrapping your bushy tail in front of your nose and feet.

TO SURVIVE:

You need 8 nutrient cards, plants, animals or a combination of both.

You need 8 water cards.

You only need shelter if you want to have offspring.

FOR MORE INFORMATION:

<http://www.nhptv.org/natureworks/redfox.htm>

http://animaldiversity.ummz.umich.edu/site/accounts/information/Vulpes_vulpes.html

<http://www.enchantedlearning.com/subjects/mammals/fox/Redfoxprintout.shtml>





You are GRASS
You are 1 to 2 inches
tall but can grow to a
foot tall.

BIOME: You live in the deciduous forest biome

ADAPTATIONS: You are able to go dormant during the winter. If there is a fire, you grow back.

PRODUCE: Grass

TO SURVIVE:

You need 2 nutrient cards.

You need 2 water cards.

You need 3 sunshine cards.

FOR MORE INFORMATION:

<http://www.ext.colostate.edu/pubs/natres/06108.html>





**You are a
GRASSHOPPER
You are about 2"
long.**

HABITAT: Meadows, forests, anywhere with grass.

DIET: Plants

ADAPTATIONS: Grasshoppers can hop, walk, and fly. This helps them escape from predators. Male grasshoppers make noise by rubbing their back legs together.

TO SURVIVE:

You need 3 plant nutrient cards.

You need 3 water cards.

You need grass, clover or bushes for shelter.

FOR MORE INFORMATION:

<http://www.switcheroozoo.com/profiles/grasshopper.htm>

<http://a-z-animals.com/animals/grasshopper/>

http://www.greenville.k12.ny.us/elem/brady_s/grasshoppers/GH_facts.htm

<http://www.gardenguides.com/100399-apple-tree-scientific.html>





You are a NUTHATCH
You are about 6" long
and weigh 7 ounces.



HABITAT: You live in the forest and prefer big trees like oaks for your nests.

DIET: Nuthatches get their name from their unusual method to open nuts and seeds. You put large seeds and nuts in crevices of trees and then prying them open with your bill. You also use your bill to grab insects.

ADAPTATIONS: Your long bill makes it easy to pull insects out of holes in trees or crack open a nut. Your wings help you stay away from predators on the ground.

TO SURVIVE:

You need 4 nutrient cards, plants, animals or a combination of both.

You need 4 water cards.

You need a tree for shelter

FOR MORE INFORMATION:

http://www.allaboutbirds.org/guide/White-breasted_Nuthatch/lifehistory

http://www.seattleaudubon.org/birdweb/bird_details.aspx?id=334

http://animaldiversity.ummz.umich.edu/site/accounts/information/Sitta_carolinensis.html



You are an OAK TREE
You can grow 100
feet tall and 30 feet
around
(circumference)

BIOME: You live in the deciduous forest biome

ADAPTATIONS: Your root system is great – reaching deep and wide to bring in nutrients and water.

PRODUCE: You produce acorns.

TO SURVIVE:

You need 2 nutrient cards.

You need 2 water cards.

You need 3 sunshine cards. Once you are three years old, you are tall enough to get plenty of sunshine and need only 2 sunshine cards.

FOR MORE INFORMATION:

<http://www.buzzle.com/articles/facts-about-oak-trees.html>

http://www.oakplus.com/Oak_Tree_Facts.htm

<http://www.gardenguides.com/100399-apple-tree-scientific.html>





You are a PINE TREE
You are 1 to 2 inches
tall but can grow to a
foot tall.

BIOME: You live in the deciduous forest biome

ADAPTATIONS: You have slender needles instead of leaves to minimize water loss and to keep heavy snow from breaking your branches off during the winter.

PRODUCE: Pine cones with seeds inside.



TO SURVIVE:

You need 2 nutrient cards.

You need 2 water cards. You can go one year one time with only one water card because of your adaptation to conserve water.

You need 3 sunshine cards.

FOR MORE INFORMATION:

http://www.naturehills.com/catalog/trees/pine_trees.aspx

<http://www.gardenguides.com/100399-apple-tree-scientific.html>



**You are a RABBIT
You are about 15”
long and weigh 2
pounds.**

HABITAT: Meadows, forests.

DIET: Plants like grass, clover and tree twigs and bark.

ADAPTATIONS: Because of your strong hind legs, you can leap 3 meters (10 feet) at a time and run 18 miles per hour for short distances. If you need to you can swim.

TO SURVIVE:

You need 4 plant nutrient cards.

You need 4 water cards.

You need grass or bushes for shelter.

FOR MORE INFORMATION:

<http://www.switcheroozoo.com/profiles/jackrabbit.htm>

<http://animals.nationalgeographic.com/animals/mammals/cottontail-rabbit/>

<http://www.enchantedlearning.com/subjects/mammals/farm/Rabbitprintout.shtml>

<http://www.gardenguides.com/100399-apple-tree-scientific.html>





**You are a
RASPBERRY BUSH
You can grow three
to four feet in height.**

BIOME: You live in the deciduous forest biome

ADAPTATIONS: You have thorns to keep
animals away.

PRODUCE: You produce raspberries



TO SURVIVE:

You need 2 nutrient cards.

You need 2 water cards.

You need 3 sunshine cards.

FOR MORE INFORMATION:

**[http://www.tytyga.com/category/Ras
pberry+Bushes](http://www.tytyga.com/category/Raspberry+Bushes)**



You are a SNAKE

You are about 18" long and weigh 1 pound. You are cold blooded with scaly dry skin. You will continue to grow all your life, getting bigger and bigger each year.

HABITAT: Snakes are found in many habitats including in the water, forests, deserts and prairies.

DIET: Snakes eat insects, rodents, birds and frogs. Some will eat eggs.

ADAPTATIONS: You swallow prey whole and are able to consume animals three times larger than the diameter of your head because your lower jaw can separate from the upper jaw, your throat can expand and your fangs face the rear to help hold prey while you swallow. Your sense of smell is highly adapted to find prey or avoid predators.

TO SURVIVE:

You need 6 animal nutrient cards.

You need 6 water cards.

You need trees, clover, grass or bushes for shelter.

FOR MORE INFORMATION:

<http://www.kidsplanet.org/factsheets/snakes.html>

<http://animal.discovery.com/reptiles/snake/>

