abdomen

one of the three body parts of an adult insect
adult

a fully grown organism
air

one of the four most important needs of any organism
animal

a living thing that is not a plant
antenna

do not hallucinate.
basic need

Something that is needed for plants and animals to survive. Plants and animals need air, water, food, space, shelter and light.
bran

the husks of cereal grain
bug has predictable colors in distinctive patterns. They have legs, wings, antennae and proboscis.
butterfly

A brightly colored insect with two pairs of wings, a proboscis for sipping nectar and antennae with a knob at the tip.
caterpillar

a butterfly larva
chrysalis

A smooth, plastic like sleeve in which butterflies pupate
clasper

Muscular pads on a waxworm’s prolegs near the tail end
cocoon

Protective structure constructed from one continuous strand of silk that the silkworm spins in preparation to pupate
darkling beetle

a mealworm adult
dead

not living
dropping
tiny grainlike objects
egg

the first stage of life
engineering

Using knowledge of an organism’s needs to create a suitable structure
evidence

proof that a change has occurred
exoskeleton

Outer skin
eyespot

the fake eyes on the thorax
female

the scientific name for a girl
habitat

the place or natural area where plants or animals live
hatch
to emerge from
an egg
head

one of the three body parts of an insect
insect

an animal that has six legs and three body parts - head, thorax and abdomen
larva/larvae

a stage in the insect life cycle after hatching from eggs. Insect larvae look different from their parents and are often wormlike.
leg

connected to
the thorax
life cycle

the stages of life of a plant or animal
living

alive
male

the scientific name for a boy
mealworm

a darkling beetle larva
metamorphosis

a change from larva to adult
milkweed bug

a true bug that feeds on sunflower seed oils and goes through simple metamorphosis
molt/molting

to shed skin to make room for growing
nutrient

something that living things need to grow and stay healthy
nymph

a stage in the insect life cycle that has no larva or pupa. Nymphs look like their parents but are smaller.
observe

to watch or study
offspring

a new plant or animal produced by a parent
organism

a living thing. Plants and animals are organisms
painted lady

a butterfly with a short pair of front legs, coiled proboscis, large eyes and an extension at the front of the head that looks like a snout
pollen

a fine powder produced by flowers, Pollen is needed to produce fruit and seeds.
pollination

a process of transferring pollen from one plant to another for seeds to form
predict

to make an estimate of a future event based on data or experience
proboscis

a long, straw-like mouth
proleg

the four pairs of legs on the abdomen of an insect in the larval stage
pupa/pupae

a stage in the insect life cycle between the larva and adult stages
pupate

to change into a pupa
reproduction

the process of producing offspring
segment

different sections on an insect
shelter

a form of protections that is one of the basic needs of living insects
space

one of the four most important needs for any organism
spinnert

The part of a silkworm near the mouth that spins the silk
spiracle

the row of dots along both sides of an insect for breathing
stage

the name for different points in insect development
thorax

one of the three body parts of an insect
waste

material that a butterfly ejects when it comes out of a chrysalis, frass
One of the four most important needs for any organism is water.