

Insect Challenge Project

Name _____

Project rules are listed on the back of this worksheet

Project Due Date _____

Pts	Insect Basics	Insect Orders	Insect Survival	Metamorphosis	Points Earned
1	A member of the animal kingdom _____	A member of the order Orthoptera _____	An insect that uses color as a warning signal _____	An insect with complete metamorphosis _____	
2	An arthropod that is not an insect _____	A member of the order Hemiptera _____	An insect with a hard shell _____	An insect with incomplete metamorphosis _____	
3	An insect with two wings _____	A member of the order Homoptera _____	An insect that can fly to avoid predators _____	The larval stage of an insect _____	
4	An insect with four wings _____	A member of the order Diptera _____	An insect that uses odor to keep away predators _____	The nymph stage of an insect _____	
5	An insect with a sucking mouth part _____	A member of the order Lepidoptera _____	An insect that uses eyespots to trick a predator _____	The pupal stage of an insect _____	
6	An insect with chewing mouth parts _____	A member of the order Hymenoptera _____	An insect that has horns or spikes _____	An insect that overwinters as a pupa _____	
7	A food source and an insect that feeds on it _____ _____	A member of the order Coleoptera _____	An insect that stings _____	An insect that overwinters as an adult _____	
8	A nectar source and an insect that feeds on it _____ _____	A member of the order Odonata _____	An insect that lives in a society _____	An insect that migrates _____	
9	An insect that eats other insects _____	A member of the order Mantodea _____	A insect that blends in with its surroundings _____	An insect that has an aquatic larval stage _____	
10	A host plant and a larva that feeds on it _____ _____	A member of the order Phasmida _____	An insect that uses mimicry to look like a poisonous insect _____	An insect that has an aquatic nymph stage _____	

Total Points Earned = _____ Grade = _____ % A B C D F

Insect Challenge Project Rules

1 - You must show the teacher the insect and identify it by name (as specific as possible). Write the insect's name in the correct box on your worksheet and have your teacher initial or stamp the box ASAP. Points will be awarded based on the location in the chart. Items in the top row are worth 1 point, while items in the bottom row are worth 10 points.

NOTE: Credit will only be given on the day the insect was shown to your teacher!
Do not wait until the next day to try to claim insects!

2 - Each insect you find can only be used for one box. If you want to use an insect for more than one box, you will need to catch more than one of those insects.

3 - Insects caught during class with your partner will count for both of you as long as you are working together!

4 - You may bring in insects from home for points towards your project. If you want to help your partner, you must bring in two insects for both of you to get credit.

Exception: You are not allowed to bring in live butterflies! Please do not try to catch adult Monarch butterflies and bring them to school!

5 - No catching of insects that were released by another student! Find your own bugs!

6 - Insect nets are for insects - not for people, fish, frogs, or birds! Be careful not to get them snagged on plants or the fence.

7 - Good behavior is expected at all times while in the garden! This also applies to traveling to and from the garden. Failure to use good behavior will result in "benching" - you will sit and work on homework or read a book rather than chase bugs.

Grading: You must earn at least 150 points to earn an A+ on this project. You will be given at least 5 class days to work on this project, which means you need to earn 30 points each day to get the points you need for an A+. If you earn more than 150 points, you will receive extra credit on your project grade (up to 110%).

Grades:

135 - 150 points = A

120 - 134 points = B

105 - 119 points = C

90 - 104 points = D

Less than 89 points = F

