CLASSIFICATION: CREATE AN INSECT
THREE PROJECTS

1. From the insect parts drawings, select those that will make two insects: An
   a) Aquatic insect that is a consumer, a secondary consumer, or a decomposer
   b) Terrestrial insect that is a consumer, a secondary consumer, or a decomposer.
   c) Determine and/or research all of the areas listed below for each.
   d) In your science notebook, draw each in detail, particularly the wings, legs and mouth.
   e) Write out further details and examples for your animals. Be sure to include **evidence** for your details. **Why** would that detail or characteristic be necessary for your insect? **What** would that adaptation help the insects do that they could not do otherwise? Then, go on to projects #2 and #3.

NAME	**NAME**
Consumer Secondary Decomposer	Consumer Secondary Decomposer
HABITAT: Aquatic	**HABITAT**: Terrestrial
PREY	**PREY**
It eats	It eats:
Eats it	Eats it:
LOCOMOTION	**LOCOMOTION**
fly hop crawl swim	fly hop crawl swim
speed agility distance	speed agility distance
MOUTH PARTS	**MOUTH PARTS**
piercing chewing sucking sponging	piercing chewing sucking sponging

Description, evidence, rationale:

2. Draw your Aquatic and Terrestrial insect on hyperstudio and animate if for locomotion and feeding behaviors. Tell how those behaviors are the same and different for each. In other words, how do those behaviors display for aquatic versus terrestrial insects.
3. Create a StarLogo simulation model of either your Aquatic or Terrestrial insect for all of the following: feeding, mating, food supply, population density and survival.