



WILLIAM M. HABERMEHL
County Superintendent of Schools



Developed By:
**The Capistrano
Unified School
District**

Title: **Butterfly**

Subjects: **SCI**

Grade Levels: **2nd**

California Standards: **2nd: 2.2b**

Kit Story: This kit shows the life cycle of a butterfly (*Agraulis vanillae*) from egg to adult. Some of the vocabulary introduced is: larva, chrysalis, warning coloration, proboscis, camouflage, thorax, abdomen, dorsal, and ventral.

Assets

Asset Information



Title: **Butterfly egg on leaf**
Filename: **Egg.jpg**
Artist/Photographer: **John Uriarte**
Location: **Niguel Hills Middle School**
Material: **Photograph**
Date: **February 28, 2005**

Description:
What is the first stage of a butterfly's life cycle?



Title: **Butterfly egg on leaf close-up**
Filename: **Egg1.jpg**
Artist/Photographer: **John Uriarte**
Location: **Niguel Hills Middle School**
Material: **Photograph**
Date: **February 28, 2005**

Description:
This is a picture of an egg laid by butterfly. The scientific name of this butterfly is *Agraulis vanillae*. It will take about 2 weeks to hatch.



Title: **Caterpillar**
Filename: **cat1 copy.jpg**
Artist/Photographer: **John Uriarte**
Location: **Niguel Hills Middle School**
Material: **Photograph**
Date: **February 28, 2005**

Description:
This is the larval stage of a butterfly. Also known as the caterpillar, it will stay in this stage for about 3-4 weeks.

Assets

Asset Information



Title: **Passion fruit leaf**
Filename: **leaves copy.jpg**
Artist/Photographer: **John Uriarte**
Location: **Niguel Hills Middle School**
Material: **Photograph**
Date: **February 28, 2005**

Description:
This is the leaf of the passion fruit vine.



Title: **Passion fruit leaf with bites**
Filename: **eaten leaves.jpg**
Artist/Photographer: **John Uriarte**
Location: **Niguel Hills Middle School**
Material: **Photograph**
Date: **February 28, 2005**

Description:
This is the leaf of the passion fruit vine with part of the leaf eaten by a caterpillar. This is one way to try and find them.



Title: **Chrysalis camouflaged in the leaves**
Filename: **camouflage copy.jpg**
Artist/Photographer: **John Uriarte**
Location: **Niguel Hills Middle School**
Material: **Photograph**
Date: **February 28, 2005**

Description:
Can you find the chrysalis? It is hard to find the chrysalis because it is camouflaged. Camouflage- blending in with the background. Many animals mimic twigs, leaves, stones, bark, and other materials in their environment.

Assets

Asset Information



Title: **Chrysalis close up**
Filename: **crisalist copy.jpg**
Artist/Photographer: **John Uriarte**
Location: **Niguel Hills Middle School**
Material: **Photograph**
Date: **February 28, 2005**

Description:
The chrysalis is the 3rd stage of a butterfly's life cycle. They will stay in this stage for about 2-3 weeks.



Title: **Butterfly emerging from chrysalis**
Filename: **new butterfly copy.jpg**
Artist/Photographer: **John Uriarte**
Location: **Niguel Hills Middle School**
Material: **Photograph**
Date: **February 28, 2005**

Description:
The butterfly is emerging from its chrysalis.



Title: **Dorsal view of butterfly**
Filename: **butterfly good copy.jpg**
Artist/Photographer: **John Uriarte**
Location: **Niguel Hills Middle School**
Material: **Photograph**
Date: **February 28, 2005**

Description:
This is the dorsal view of the adult butterfly and is the fourth stage.

Assets

Asset Information



Title: **Ventral view of butterfly**

Filename: **ventral good butterfly copy.jpg**

Artist/Photographer: **John Uriarte**

Location: **Niguel Hills Middle School**

Material: **Photograph**

Date: **February 28, 2005**

Description:

This the ventral view of the adult butterfly.