

The Beauty of a Butterfly

WebQuest Description: Students will be able to identify the different stages of a butterfly life's cycle.

Grade Level: 3-5

Curriculum: Science

Keywords: Cacoon, pupa, caterpillar, larva, butterfly

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Introduction

A butterfly has a continuous cycle. It goes through stages from becoming one creature to a whole new one. Your job in this task is to capture a little caterpillar from a tree. And place that caterpillar in a jar and be sure to have holes on the lid. Also includes leaves and twigs in the jar for food and shelter. Now, take a log book and observe the jar over a couple of days or maybe weeks and see what happens!

Tasks

Step 1: Gather all of your materials: a jar with holes poked on the lid, some leaves and twigs that you will place neatly inside the jar, a log book, pencil.

Step 2: Now, go outside and find a nice tree or a flower bush. Begin searching for a caterpillar. Once you have found one, carefully take that caterpillar and place it gently in the jar and cover it.

Step 3: Take your jar with the caterpillar in it and place it somewhere safe and where you can see it every day as you pass. This way you will remember to observe it everyday. It would be nice to place it by the window so the morning sun can shine into it. Always have your log book and pencil near by.

Step 4: Observe the caterpillar everyday on the same time.

Step 5: Log down the time, date, and what you see. Make sure to log down what you also put inside the jar such as what kinds of twigs from what tree and the kinds of leaves you put inside for the caterpillar to eat. Put in how many days or weeks did the caterpillar change into a different state and how long it took for it to be a butterfly.

Step 6: During the stages, draw what you saw. From the beginning to the end.

Step 7: For the overall assessment, write down in your log book what you learned and how was your experience.

Process

During the process, be sure to always observe the caterpillar and the stages it goes through. Tell the length of how long it took for them to change to that stage. Log down your observations through drawing and writings. Make sure there is enough food and that their home wasn't disturbed so it doesn't mess up your observation. When the process is done, and the caterpillar becomes a butterfly, release it into the world.

Evaluation

Students will be evaluated based on their participation and consistency on performing their research each day till the last day of the project. Students will also be evaluated through observation of their activeness in the activity.

Category and Score	Excellent!	Great Job!	Good!	Work harder!	Score
Participation	Student participated fully towards all the activity days	student participated most of the time.	Student participated half of the time.	Student did not participate at all during the whole activity.	100
Completed observation days	Student completed all observation days	Student completed most of their observation days	Student did little of their observation days.	Student did not complete their observation days	100
Creativity of artwork	Student used their creativity to the extent to complete their artwork using variety of mediums	student was creative using some mediums	student use little creativity but completed the artwork	student did not create a work of art.	100

Category and Score	Excellent!	Great Job!	Good!	Work harder!	Score
materials	Student acquired all materials for activity	Student had some of the materials	Student had little of the assigned materials	no materials where used.	100
				Total Score	

Conclusion

Summarize what you have learned through the whole process of discovering the life cycle of a butterfly. Create a graphic organizer that best suites you and describe the stages that you learn, draw pictures to represent you learning as well.

Teacher Page

Student will be able to:

identify the stages of a butterflies life cycle.

observe and take notes.

work as a group to complete a task.

Standards

Credits

Other