This 4-H School Enrichment Program was furnished by Kansas State Research and Extension- Shawnee County.

4-H is an organization offering youth ages 7 to 18 the

opportunity to explore many different projects. From rabbits to rockets, cooking to construction zone, dog care to dairy goats, the variety of projects you can enroll in are virtually unlimited. If you don’t find a project that pleases you, you can create your own!! The only limit to the kinds of projects there are for you is your imagination! 4-H not only offers fun educational projects but life skills that will last a lifetime. These skills include:

1. Build self-confidence
2. Develop an inquiring mind
3. Set goals and make decisions
4. Relate to other people
5. Develop a concern for the community

If you would like more information about 4-H, please contact:

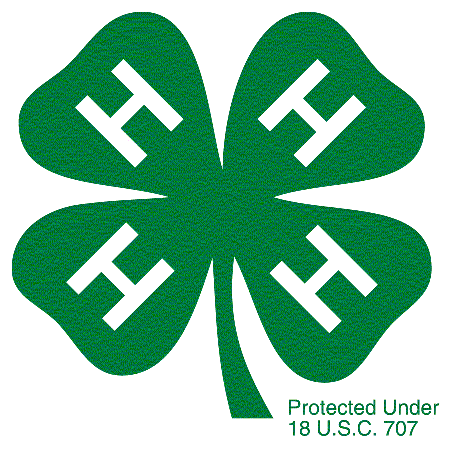
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**1740 SW Western**

**Topeka, KS 66604**

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**My Painted Lady**

**Butterfly Book**



Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

School\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Teacher\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Grade\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**THE CATERPILLARS ARRIVE**

We have \_\_\_\_\_\_\_\_ caterpillars.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from K-State Research and Extension - Shawnee County brought the caterpillars to our classroom.

Our caterpillars are in cups.

The cup has enough air in it for the caterpillar.

The cup has food in it.

This food is made from a plant called Malva.

Caterpillars like to eat Malva plants.

Caterpillars like to eat the food in the cup.

Be very careful with your caterpillars.

You must not turn the caterpillar upside down.

Do not drop your caterpillar.

Do not keep the caterpillar too hot or too cold.

Your caterpillars are quiet sometimes.

When your caterpillar is quiet, he is resting or sleeping.

Your caterpillar is growing.

Your caterpillar is getting ready to change.

When the caterpillar moves its head from side to side, it is spinning silk.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**Painted Lady Butterfly Word Find**

Antennae Butterfly Caterpillar

Chrysalis Instar Larva

Malva Metamorphosis Mimic

Molt Pheromone Proboscis

Prolegs Pupa Wings

When your caterpillars get big, watch them carefully.

They will crawl to the top of their cup and hang down.

Next the skin splits along their back.

Under the skin is the chrysalis.

Soon the chrysalis becomes hard and changes color.

Take the lid off the cup.

Your class has a large cage.

Your teacher will tape the lid with the chrysalis on it to the inside of the cage.

This is waiting time for you.

Inside the chrysalis is very busy.

What do you think is happening in there?

After a complete metamorphosis, your butterfly emerges.

The wings are wet and limp.

The soon straighten out, and the butterfly is able to fly.

Your butterfly will want to eat.

You will feed it in a jar lid that has some cotton balls in it.

Put some sugar water on the cotton balls, and then place it in the cage.

The butterfly will stand on the cotton balls, and taste the sugar water with its feet. It then will use its proboscis and drink the sugar water.

You may release the butterflies outside on a nice sun shiny day near some flowers or bushes.

**Draw a picture of your butterflies.**

**FROM CATERPILLAR TO BUTTERFLY**

**The caterpillars came on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**The caterpillars changed to chrysalides on \_\_\_\_\_\_\_\_.**

**The chrysalides emerged as butterflies on \_\_\_\_\_\_\_\_.**

**STAGES DAYS**

**Caterpillar to Chrysalis \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Chrysalis to Butterfly \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Caterpillar to Butterfly \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Which stage lasted the longest? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Which stage was the shortest? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Which stage did you like the best? \_\_\_\_\_\_\_\_\_\_\_\_\_\_**