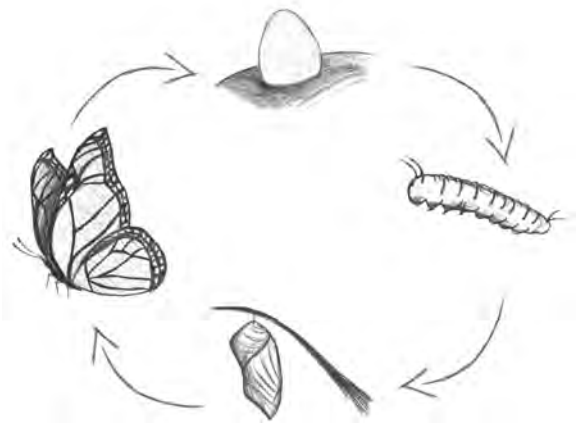


Butterfly Life Cycle Necklace

Supplies:

- 1 piece penne pasta
- 1 piece bowtie pasta
- 1 piece shell pasta
- 1 bead
- Glue or tape
- 3 pieces of pipe cleaner cut into 2 to 3-inch pieces
- 12 inches of string or yarn
- Printed labels



Labels:

Egg	Caterpillar
Chrysalis	Butterfly

Making the Necklace

1. **Egg:** The bead represents a butterfly egg. The egg is laid on a leaf by the mother butterfly. It is very small and hidden to keep it safe from being eaten by another animal.

String the bead onto the necklace string. On the necklace beside the egg, fold the two halves of the appropriate label over the string and glue or tape it in place.

2. **Caterpillar:** The penne pasta represents a caterpillar's body. When the egg hatches, a caterpillar comes out. The caterpillar has sixteen legs (six true legs) and two antennae on its head, which it uses to smell and touch things. The caterpillar eats leaves and grows.

Thread the penne pasta onto the necklace. Then, fold one of the pipe cleaners in half and push the "v" of the bent end into one end of the noodle. Bend the two loose ends to form antennae. On the string beside the caterpillar, glue or tape the appropriate label as you did for the egg.

3. **Chrysalis:** The shell pasta represents a chrysalis. When a caterpillar is done eating and growing, it attaches itself to a leaf or branch and sheds its caterpillar skin, forming the chrysalis. Inside the chrysalis, its body is changing and it is getting ready to become an adult,

the last stage of its life cycle.

Bend one piece of pipe cleaner into a “u” shape and insert the loose ends into the shell pasta piece, creating a loop on top. Thread the yarn into the top of the shell pasta to string the chrysalis onto the necklace. On the string beside the chrysalis, glue or tape the appropriate label as you did for the egg and caterpillar.

4. Butterfly: The bow-tie pasta represents an adult butterfly. When it is ready, the butterfly breaks out of its chrysalis, waits for its wings to harden, and flies away.

Lay the center of the bow-tie pasta on top of the necklace string (the string should run from the top to the bottom of the bow, down the middle, behind the pasta). Using the remaining pipe cleaner, attach the butterfly to the necklace string by wrapping the center of the bow-tie pasta and the string it’s resting on with the pipe cleaner. Twist the pipe cleaner to secure, and bend its two loose ends forming antennae for the butterfly. On the string beside the butterfly, glue or tape the appropriate label as you did for the egg, caterpillar, and chrysalis.

5. Tie the ends of the necklace string together to complete the life cycle, and wear!

