

C5.2 The 4 Stages of Natural Selection

Charles Darwin proposed four parts to his theory of *natural selection*:

1. overproduction
2. inherited/genetic variation
3. struggle to survive
4. successful reproduction

Your assignment is to create a cartoon on the back of this page in *color* (it can be funny or not) that:

- 🍏 Shows the four stages of natural selection for an organism of your choice.
- 🍏 At the top of each drawing, describes the stage as it relates to your chosen organism.
- 🍏 Use the example below as a guide:

Four Parts of Natural Selection



1 Overproduction A tarantula's egg sac may hold 500–1,000 eggs. Some of the eggs will survive and develop into adult spiders. Some will not.



2 Inherited Variation Every individual has its own combination of traits. Each tarantula is similar to, but not identical to, its parents.



3 Struggle to Survive Some tarantulas may be caught by predators, such as this wasp. Other tarantulas may starve or get a disease. Only some of the tarantulas will survive to adulthood.



4 Successful Reproduction The tarantulas that are best adapted to their environment are likely to have many offspring that survive.

Name: _____ Class Color: _____ Date: _____ W

The Four Stages of Natural Selection

<p>Stage 1: Overproduction Description:</p>	<p>Stage 2: Inherited/Genetic Variation Description:</p>
<p>Stage 3: Struggle to Survive Description:</p>	<p>Stage 4: Successful Reproduction Description:</p>

Name: _____ Class Color: _____ Date: _____ W