Ninja Species Project: Decorate and Elaborate

**You get to be an expert on a species!**

**Goal**: Take a known Ninja Species, a species with crazy awesome adaptations, and evolve that. You can create any life history characteristics you want, you just need to justify them scientifically.

* Basically decorate your Species and make a presentation to include: (please go in order of this sheet in your presentation)

|  |  |
| --- | --- |
| **Basic** | |
| Name the species:   * Common name * Scientific name (Genus species)   What is its closest extant (living) relative?   * How do you know?   What is its closest extinct (non-living) relative?   * This is where you include some research on the real species that you modified. | |
| **Habitat** | |
| Explain where you are likely to find them? – Be specific to biome  Why do they look the way they do?  Adaptations: To their biome   * Size, feet, scales/skin/feathers neck, tail, * Sensory structures/features? * Unique feature   Why do they look the way they do?   * Sexual selection (because the ladies like it) * Camouflage * Predator avoidance method | |
| **Life History** | |
| Social?   * Social or solitary? * What is a group of them called?   Reproduction   * How do they signal to mates? * Do they have any courtship rituals? * Development? Direct, indirect... Elaborate * Maternal instinct? Maternal/paternal care | Diet   * Eating habits * Tooth morphology * Predator or prey? * Greatest threats to species?   Sounds:   * When does it vocalize? :Screen shot 2013-03-10 at 9.19.56 PM.png |

|  |  |  |  |
| --- | --- | --- | --- |
| **Category** | **Points** |  | |
| Content and Creativity/Originality | | | |
| **Basic**  A = Creative and Correct | | | |
| Name the species:   * Common name * Scientific name (Genus species) | /4 |  | |
| What is its closest extant (living) relative?   * How do you know? | /3 |  | |
| What is its closest extinct (non-living) relative?   * This is where you include some research on the real species that you modified. | /3 |  | |
| **Habitat** | | | |
| Explain where you are likely to find them? – biome | /2 |  | |
| Why do they look the way they do?  Adaptations:   * Size, feet, scales/skin/feathers neck, tail, * Sensory structures/features? | /4 |  | |
| Unique feature | /2 |  |
| Why do they look the way they do?   * Sexual selection (because the ladies like it) * Camouflage\ * Predator avoidance method | /2 |  |
| **Life History** | | | |
| Social?   * Social or solitary? * What is a group of them called? | /2 |  |
| Reproduction   * How do they signal to mates? * Do they have any courtship rituals? * Development? Direct, indirect... Elaborate * Maternal instinct? Maternal/paternal care: | /5 |  |
| Diet   * Eating habits * Tooth morphology * Predator or prey? * Greatest threats to your species? | /3 |  |
| Sounds:   * When does it vocalize? | /2 |  |
| **Presentation** | | | |
| Oral Presentation   * Figure out what each was responsible for before hand * Don’t read | /5 |  |
| Visual   * Did you use pictures to support your claims? | /5 |  |
| **Your Beautifully Decorated Species** | | | |
| Creativity of decorations/”adaptations” | /8 |  |
| Notes/Comments:  Total\_\_\_\_\_\_\_\_\_\_\_\_/50 | | | |

/12

/8

/10

/10

/10