

Engineering **FROM** Animals Activity Resources Southern Tamandua Biomimicry Design Sheet



Design Research

Directions: Fill out the chart as you view the video of the Southern Tamandua.

| | Adaptation <i>What is the feature/part of the body?</i> | Function <i>How does it help the Southern Tamandua survive?</i> |
|---|---|---|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |





Southern Tamandua Biomimicry Design Sheet

Design Planning

1. Brainstorm a list of problems at home that you would like to solve. Circle one that you would like to use biomimicry to solve.

2. What Southern tamandua adaptation will help inspire your design solution?

| Adaptation | Function |
|------------|----------|
| | |

3. Sketch your design idea below

| Southern Tamandua Biomimicry Design Idea |
|--|
| |





Southern Tamandua Biomimicry Activity Sheet

Design Overview

4. How does your design work? Explain.

5. How did the Southern tamandua inspire your design?



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Bur Inspires Velcro Design

BURS – ZOOMED IN



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