



Welcome to the Exploration at the *Creatividad silvestre* | *Wild Creativity* exhibit! This Exploration will take you on an exciting adventure to explore the wonders of biomimicry and engineering. As you search for clues and complete challenges, you will learn about nature's strategies and how they inspire innovative solutions for human challenges. Are you ready? Let's begin!

## Instructions:

1. Form teams.
2. Your task is to find specific exhibits, answer questions, and complete challenges related to biomimicry and engineering.
3. The answers to the questions and clues can be found within the exhibit and the text provided above.
4. Answer the questions and take note of the specific examples on this sheet. If you want you can also take photos or videos on a mobile device for completing challenges (optional).
5. Have fun and enjoy the exhibit!

## Exploration Challenges:

1. **Find an interactive design challenge in the exhibit.** Take notes, photos, or video of your team participating in the challenge. Say which exhibit you chose and what human challenge you were trying to solve.
2. **What was the natural inspiration for the bullet train?**
3. **Take notes or photos of one or more exhibit components that reference other cultures in different parts of the world.** Talk with your group about which of these challenges is also a challenge in your community. Which challenges are different?
4. **Engineering involves iteration, how many tries did it take for you to get "Green" on the "Helmet" screen?** Take a tally of the number of tries for each member in your group.

5. **What are three strategies from nature for “protection?”**
  - 1.
  - 2.
  - 3.
  
6. **Sketch (or take a picture of) your design for ventilating the prairie dog tunnel.** What is the airflow for your design?