

# Innovation Project

Biodiversity keeps our planet healthy. In the rainforest, from the tiniest insects to towering trees, there are countless plant and animal species depending on one another to survive.

## This season, your challenge is to identify a problem that puts biodiversity at risk and design an innovative solution that can help.



### Identify: Clearly define the problem and do research.

- Choose a problem related to the prompt that interests your team. Clearly define what the problem is and why it matters.
- Research the problem and solutions that already exist. Use **reliable sources** to understand what works, what doesn't, and what challenges remain.

### Design: Work together to create a project plan and develop your ideas.

- Brainstorm possible ideas with your team. Could you create something new, adapt technology from another field, or improve an existing idea?
- Outline a **project plan** for how you will investigate, share, and refine your solution.

### Create: Develop an original idea or build on an existing one with a prototype model/drawing.

- Clearly describe how your innovative solution addresses the problem you identified. What does it do? How does it impact biodiversity?
- Make a **prototype model** or **drawing** of your solution and plan to share it with others.

### Iterate: Share your ideas with others, collect feedback, and make improvements to your solution.

- Share your ideas with other teams or mentors and gather feedback. Record what you learned and what you changed.
- Show **evidence of improvements** you made based on testing or feedback.

### Communicate: Share an effective presentation of your solution, describe its impact on others, and celebrate your progress.

- Create a five-minute live presentation that describes your solution. Use the rubric as your guide.
- Highlight how your team uses **Core Values** and make sure **every team member participates**.

#### Tip

Be ready for the judges' questions. They want to understand your journey and progress.