

AP Final Portfolio

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Sustained Investigation

Written Evidence

In backyards, there is an underlying ecosystem that goes unnoticed. Water travels freely through ecosystems, giving life to everything it touches. Water represents so much more than just a liquid. It represents life, the universe, and something so much bigger than us. For my investigation, I chose to dissect the role water plays in my backyard. I wanted to examine the way it flows through and how it is manipulated by life. I captured how water holds a very delicate balance with life, keeping it in harmony, representing how the universe holds so much life in balance.

In my investigation, I developed an understanding of the ecosystem in my backyard. In picture #1, I started by shooting what I thought was the center of the plants. In photos #2-4, I shot the plants after it had rained, and that's when I realized the center of the ecosystem is water. In photos #5-9, I shot the plants as they received water. In photo #10, I shot the plant fully submerged in water to further the idea that water is everywhere. In #11-13, I studied the flow of water. In #14 and #15, I demonstrated how water is the center of the ecosystem by portraying it as the universe.



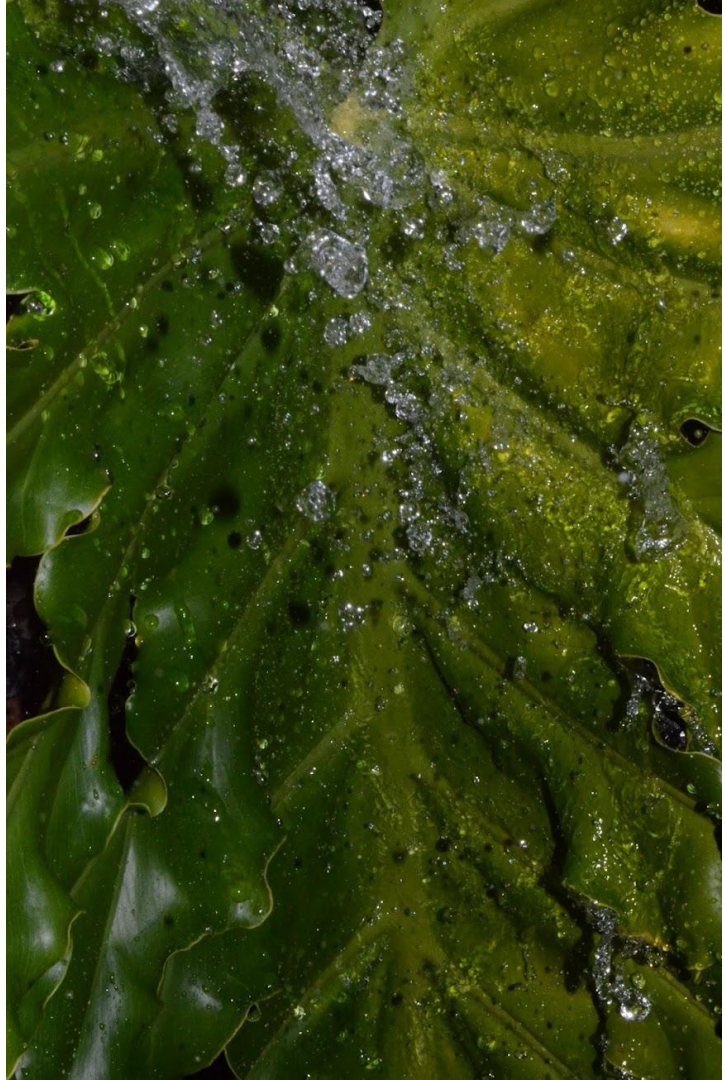








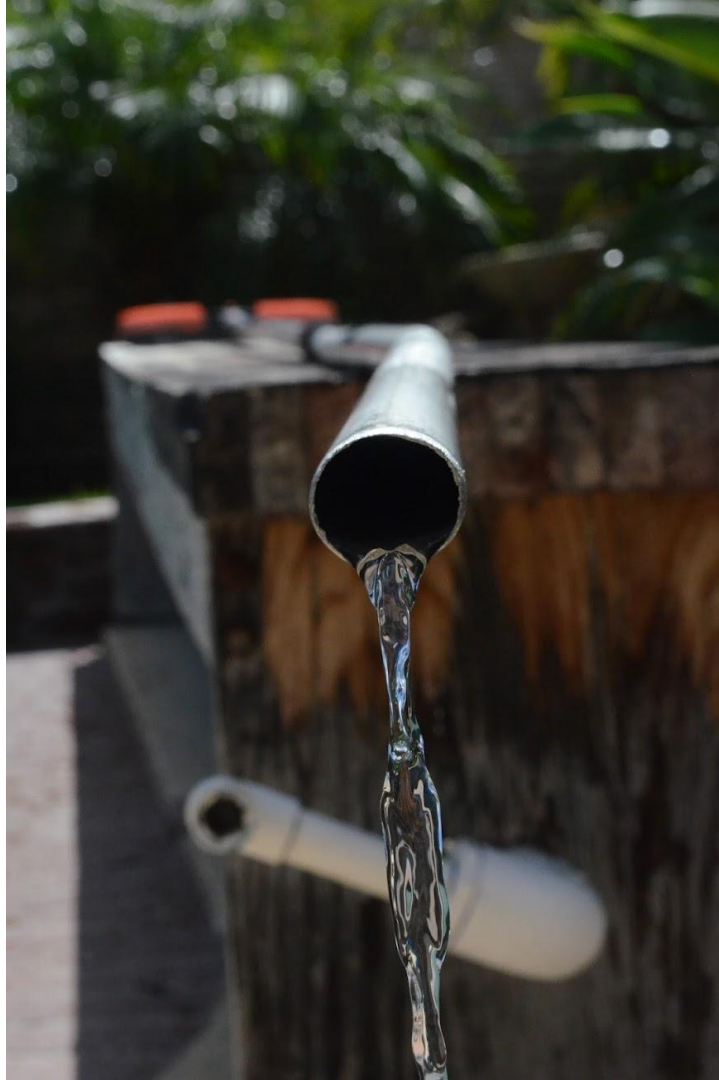












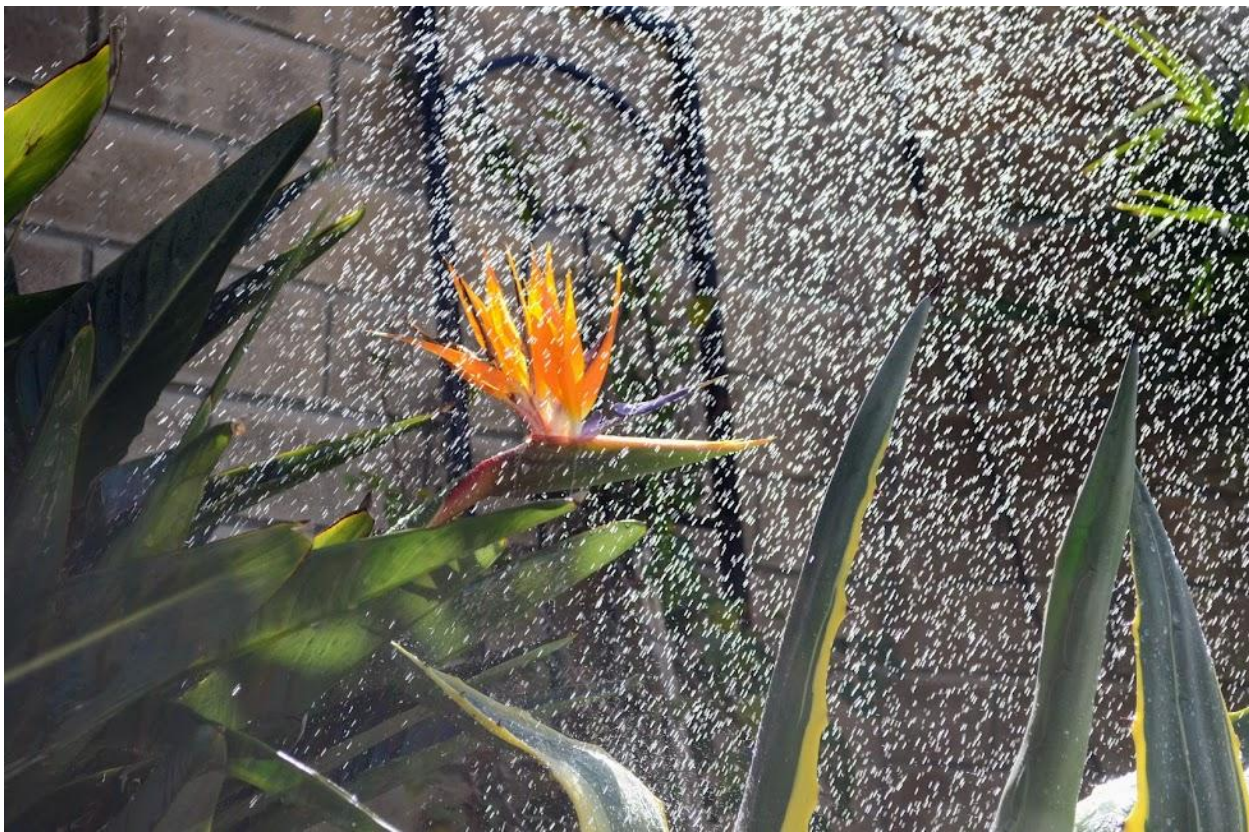








Select Works











Text for Sustained Investigation Images

1. Size: Width: 11 Height: 17 | Materials: Google Photos, Nikon D5100 | Processes: f/5.6 1/1250 55mm ISO1000 color and light tools
2. Size: Width: 11 Height: 17 | Materials: Google Photos, Nikon D5100 | Processes: f/36 1/200 55mm ISO3200 color and light tools
3. Size: Width: 17 Height: 11 | Materials: Google Photos, Nikon D5100 | Processes: f/36 1/640 55mm ISO3200 color and light tools
4. Size: Width: 11 Height: 17 | Materials: Google Photos, Nikon D5100 | Processes: f/5.6 1/2500 55mm ISO3200 color and light tools
5. Size: Width: 17 Height: 11 | Materials: Google Photos, Nikon D5100 | Processes: f/5.6 1/800 48mm ISO500 Color and lighting tools
6. Size: Width: 17 Height: 11 | Materials: Google Photos, Nikon D5100 | Processes: f/5.6 1/500 55mm ISO640 Lighting and color tools
7. Size: Width: 11 Height: 17 | Materials: Google Photos, Nikon D5100 | Processes: f/36 1/200 55mm ISO3200 color and light tools
8. Size: Width: 11 Height: 17 | Materials: Google Photos, Nikon D5100 | Processes: f/5.6 1/1250 55mm ISO3200 color and light tools
9. Size: Width: Height: | Materials: Google Photos, Nikon D5100 | Processes: f/5.6 1/2500 55mm ISO3200 Lighting and Coloring tools
10. Size: Width: 17 Height: 11 | Materials: Google Photos, Nikon D5100 | Processes: f/5.6 1/2000 46mm ISO5000 Lighting and color tools
11. Size: Width: 11 Height: 17 | Materials: Google Photos, Nikon D5100 | Processes: f/14 1/2500 55mm ISO3200 color and light tools
12. Size: Width: 17 Height: 11 | Materials: Google Photos, Nikon D5100 | Processes: f/14 1/3200 46mm ISO3200 color and light tools
13. Size: Width: 17 Height: 11 | Materials: Google Photos, Nikon D5100 | Processes: f/9 1/4000 55mm ISO3200 color and light tools
14. Size: Width: 17 Height: 11 | Materials: Google Photos, Nikon D5100 | Processes: f/36 1/200 55mm ISO3200 color and light tools
15. Size: Width: 17 Height: 11 | Materials: Google Photos, Nikon D5100 | Processes: f/36 1/200 55mm ISO3200 Lighting and color tools

Text for Selected Works Images

1. Title: Bird of Paradise in Rain | Idea: capture how a backyard comes to life when it rains | Size: Width: 17 Height: 11 | Materials: Google Photos, Nikon D5100 | Processes: f/5.6 1/800 48mm ISO500 color and lighting tools
2. Title: Rainfall | Idea: freeze the rain falling on the plant and show hydration | Size: Width: 17 Height: 11 | Materials: Google Photos, Nikon D5100 | Processes: f/5.6 1/500 55mm ISO640 lighting and color tools
3. Title: Flow of Water | Idea: capture the flow of water to demonstrate its versatility | Size: Width: Height: | Materials: Google Photos, Nikon D5100 | Processes: f/5.6 1/2500 55mm ISO3200 lighting and coloring tools
4. Title: Firestick in Water | Idea: portray the relationship between water and nature | Size: Width: 17 Height: 11 | Materials: Google Photos, Nikon D5100 | Processes: f/5.6 1/2000 46mm ISO5000 lighting and color tools
5. Title: Milky Way of Water | Idea: demonstrate that water represents the universe | Size: Width: 17 Height: 11 | Materials: Google Photos, Nikon D5100 | Processes: f/36 1/200 55mm ISO3200 lighting and color tools