ENVIRONMENTAL RESTORATION PROJECT

2024 WorkWonder Apprenticeship Program

ABOUT

In this Deep Dive, apprentices will support the development of the Blue Dot Education Environmental Restoration Project (ERP). The ERP focuses on ecological restoration, climate change mitigation and building a strong community of practice committed to a reciprocal relationship with the natural system. At present, Blue Dot Education has done small projects focused on ocean and forest systems. The WorkWonder Deep Dive apprentices will work on building out both the Blue Dot Education Tree Planting Project and the Blue Dot Education Ocean Sciences Project. Communities will stand on the work apprentices do in this Deep Dive.

WHAT YOU WILL LEARN

Apprentices will learn the following from this deep dive:

- Project management including planning, organising and executing a project plan.
- Executive functioning, planning out and independently completing work.
- Report progress weekly. Giving and receiving feedback on deliverables.
- Communication and collaboration. All apprentices will work in small teams to complete their portion of the work.
- Technical skills. This includes but is not limited to written and oral communication in a business environment, spreadsheet, Microsoft Teams, data collection and analysis, and budgeting.
- Environmental, Forest and Ocean Sciences with a focus on common gardens, kelp forests, Southern California Riparian and Alpine Forests, soil science and mycology.

JOB DESCRIPTION

Apprentices must be organised and communicate well. They need to be at each weekly meeting on time and prepared to share progress. They must be able to work independently and in an independent team. Strong written and oral communication skills are helpful as are familiarity with Chat.GPT, Spreadsheets, Microsoft Teams, Google Docs, and simple coding for arduinos. A strong understanding of biology, environmental science and ecology would be helpful as well.

Expectations:

Apprentices will work in small groups to complete tasks that build the Blue Dot Education Environmental Restoration Project. Apprentices will present their work at a public showcase of learning when the Deep Dive ends. Apprentices are expected to attend a weekly Deep Dive meeting, stay up to date on work from week to week, communicate regularly and attend office hours for any additional support. Apprentices are also expected to work independently for approximately 15 hours per week throughout the duration of the apprenticeship. Please make sure you have that time available if you apply.

Meeting times

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY

1:00–2:30PM
Bayha Group meeting

60–90 minutes
Deep Dive session

60 minutes or as needed
Office hours

We will have other meetings as necessary, in particular when preparing to publicly share our learning.

Weekly activities

Apprentices can expect to have a set of tasks to complete each week that will average approximately 15 hours of work. We will have our weekly meeting where we share progress, check in and plan upcoming tasks.

Week 1: Introductions and a dive into the Blue Dot Education Environmental Restoration Project.

Week 2: Form groups. Develop plans for building the ERP. Nature task one.

Week 3: Check in with progress. Execute on building the ERP. Nature task two.

Week 4: Check in with progress. Execute on building the ERP. Nature Task three.

Week 5: Share work. Prepare for final share out.

Week 6: Publicly Share Learning

Deep Dive Lead

Brian Delgado Co-Founded Blue Dot Education in 2015 from a high school Astronomy Club. Delgado wanted to work toward what Sagan called 'our responsibility to deal more kindly with one another and to preserve and cherish the pale blue dot'. Brian has a background in education and engineering. His work goal is to learn alongside the community while caring for the natural system. When he is not working, Brian is typically on a trail or on the water or scrambling up a rock looking for a great view with his partner, Annie and their children.

BRIAN DELGADO

CONTACT

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