

Supplemental file 9: Teacher Training Workshop pre and post questionnaire (Year 3: 2021-2022)

General questions
1. What type of school do you represent? Select all that apply: Public Private Charter
2. What subject area(s) do you teach?
3. What level are you teaching? _Middle School _Elementary School
4. How many years have you been teaching?
5. Have you participated in the Shade our School: Leaves are cool! Challenge before?
Climate change
6. What is climate?
7. What is the greenhouse effect?
8. What is climate change?
9. Why are plants/forest important for mitigating climate change? -They serve as a “carbon sink” -They are an important food source -They reflect sunlight away from the Earth -They provide resources to other organism _They perform cellular respiration
10. What is thermoregulation in plants? -the way plants synthesize foods from carbon dioxide and water -the way plants produce energy -the way plants adapt to changes in temperature -the way plants avoid pathogens
11. Mention 2 mechanisms or traits used by plants to thermoregulate
Interest, engagement, attitude, and motivation
12. I am interested in participating with my students in citizen science programs (1-10 scale)
13. Provide a brief explanation for your previous answer
POST QUESTIONNAIRE (questions 1-13 + the following)
About the workshop

14. Let us know your views on the Shade our School: Leaves are Cool! workshop by rating the following statements from 1 (lowest) to 10 (highest)

- How well the event was organized
- Usefulness of the information
- Quality of the presentations
- To what extent the workshop met your expectations
- How likely you are to attend a similar Fairchild Challenge event in the future

15. What part of the presentation was most helpful?

16. What might we consider changing?