

Climate Literate Lesson Guide

Goal of the Climate Literate Lesson Guide:

On behalf of EARTHDAY.ORG, we hope this climate literate lesson guide can be a starting point for climate education in your classroom. This is designed to show how climate change education can be embedded into lesson you already have created. The following guided questions will support you in redesigning your lesson to include the causes and solutions of the climate crisis.

Before Instruction

- What *skills* do my students need to develop?
- How will I address student confusion around **climate change** using **social emotional** skills and strategies?
- Which **climate issues** should I incorporate in this lesson and at this stage of learning? Why?
- How will I incorporate local **climate issues** into the lesson?
- What will I do to activate *critical thinking*?

During Instruction

- What *objective-aligned tasks* and/or questions will I engage students?
- How will I incorporate an understanding of **climate justice**?
- What data can I provide students to interpret the climate crisis quantitatively?
- How will I provide feedback to facilitate the development of **climate optimism**?

End of Instruction

- How will I create an assessment incorporating **climate issues and solutions**?
- How will I help students retain what they have learned (skills, strategies, and content)?
- What opportunities can I present to students to *engage* in lesson content outside the classroom?
- How can I keep sustained investment in *student agency* around **climate solutions**?

After Instruction

- How can I follow up with students on the skills learned in this lesson? (i.e. check-ins, reflections)
- How can I keep students committed to understanding **climate change** in their daily lives?
- Are there climate change *resources* available to students to continue their learning in the classroom or school? How can I make sure there is *resource accessibility*?

Climate Change Glossary

Climate Change - Refers to long-term shifts in temperatures and weather patterns. *In this guide, we explore the many components of **climate change**.

Climate Justice - Social, racial, and environmental factors associated with experiencing and mitigating climate change.

Climate Optimism - A sense of hope, positivity, and agency to mitigate the effects of climate change. It can simultaneously exist with climate anxiety and hesitations about the future.

Social Emotional Learning (SEL) - The act of acquiring the knowledge and skills to develop self-awareness, manage emotions and feelings, build healthy relationships and connections, and problem-solve situations around the complexities of **climate change**.

Additional Resources

[Video Tutorial](#) for Guiding Questions

