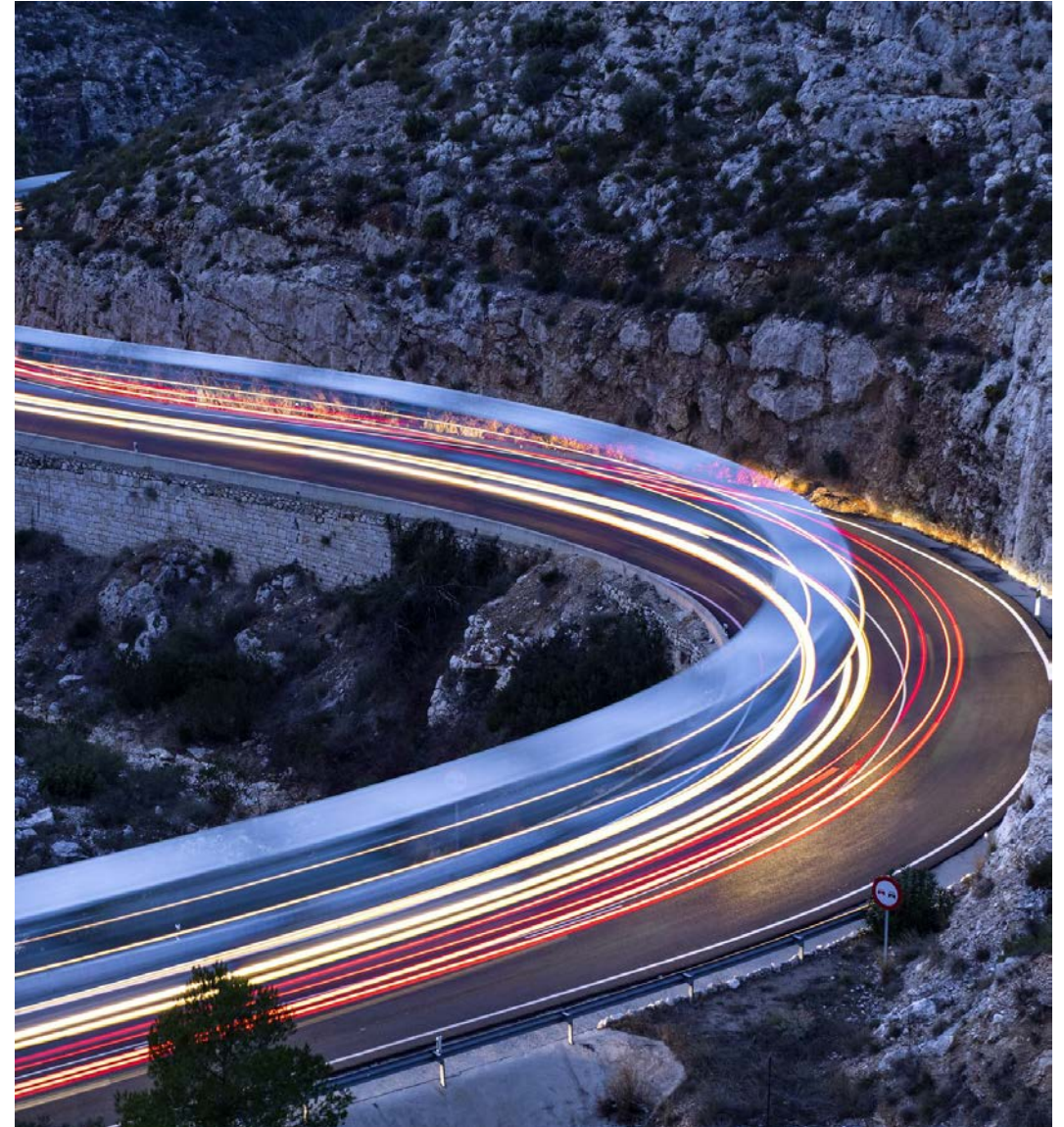


APPENDIX V - 37

Science and Social Justice

Promoting Authentic Projects

SUSAN OSIAGO - DIRECTOR OF
MULTICULTURAL CURRICULUM



Agenda

- **Introduction** to Workshop (5 min)
- Audio Journey & Photo Essay: How can multimedia be used as an entry point for integrating social justice into a curriculum on nuclear physics? (30 min)
- **Introduction to integrating social justice** into a curriculum on nuclear physics (15 min)
- **Questions, comments**, resources (10 min)
- **Think-Pair-Share**: Begin developing the essential questions and enduring understandings on a unit/lesson you teach often using the PBIS Project Planner &
- Questions, comments, resources, and time for completing evaluations (10 min)
- **Self paced lesson plan development**

Essential Questions

- ❖ How can science educators help young people analyze the beliefs and practices that shape their lives?
- ❖ How can teachers empower students to take the needed steps towards creating a more inclusive, tolerant, just, and peaceful society?
- ❖ What are the historical and modern social justice issues in science and society?

WORKSHOP GOALS

- How can science educators help young people analyze the beliefs and practices that shape their lives?
- How can teachers empower students to take the needed steps towards creating a more inclusive, tolerant, just, and peaceful society?
- What are the historical and modern social justice issues in science and society?

What is Social Justice?

A project based social justice lesson is one that highlights and unpacks:

- ❖ the issues/moral dilemmas that elicit students' values and promote the development of a plan of action
- ❖ hierarchies (interpersonal, social, and institutional patterns) and practices that sustain racism and the status quo
- ❖ the question of who benefits and who suffers from inequalities and injustices
- ❖ the issues around privilege and status and how those factors contribute to social standing
- ❖ the historical roots, stories, and social hierarchies that sustain inequality and injustice