

Does racism cause environmental hazards?

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1 Introduction

2 Driving Question

Does racism cause environmental hazard?

3 Public Product

Each student will create a map that evaluates how environmental hazards are spatially distributed and evaluate factors that cause this exposure risk.

4 Learning Outcomes

Students will be able to:

- Propose methods chemical concentrations from soil;
- Map environmental hazards;
- Analyze spatial data using demographics and hazards.

5 Stages of Project

6 Refine Driving Question

7 Identify Resources Needed

7.1 Toxic Release Inventory Program

The US EPA runs a program called the Toxic Release Inventory. The program relies on emitters of toxic pollutants to report their releases on an annual basis.

7.2 TRI Chemicals

The TRI Program requires emitters to report on the following types of chemicals:

- Cancer or other chronic human health effects;
- Significant adverse acute human health effects; and
- Significant adverse environmental effects.

The current TRI toxic chemical list contains 594 individually-listed chemicals and 31 chemical categories (including four categories containing 68 specifically-listed chemicals).

8 Proposed Sampling and Analysis Methods

9 Create Public Product