

TOPIC 8.12
Lethal Dose
50% (LD₅₀)

Required Course Content

ENDURING UNDERSTANDING

EIN-3

Pollutants can have both direct and indirect impacts on the health of organisms, including humans.

LEARNING OBJECTIVE

EIN-3.A

Define lethal dose 50% (LD₅₀).

ESSENTIAL KNOWLEDGE

EIN-3.A.1

Lethal dose 50% (LD₅₀) is the dose of a chemical that is lethal to 50% of the population of a particular species.

SUGGESTED SKILL

 *Mathematical Routines*

6.A

Determine an approach or method aligned with the problem to be solved.



AVAILABLE RESOURCES

- Classroom Resource > [AP Environmental Science Teacher's Guide](#)
- External Resource > [Environmental Literacy Council's AP Environmental Science Course Material](#)
- Classroom Resource > [Quantitative Skills in the AP Sciences \(2018\)](#)