

# Peto's Paradox in the Animal Kingdom

Fatima Ali - Grade 9

Science Fair 2026 Logbook

## November 27, 2025

- Decided on a topic and confirmed the topic with Ms. Fan, the science fair leader
  - Why elephants don't get cancer as often

## December 7, 2025

- Created logbook

## December 11, 2025

- Refined my problem question with Ms. Fan

## ~January 15, 2026

- Used AI (ChatGPT) to help think of a project title, came up with a project title: Peto's Paradox in the Animal Kingdom
- Submitted the Project Name, Basic Project Information and Ethics 2A into the CYSF portal

## January 17, 2026

- Submitted a project image placeholder and a participant image into the CYSF portal

## February 8, 2026

- Finalized Problem and inputted it into the CYSF portal
  - Why do larger animals have a lower cancer rate than smaller animals with fewer cells?
- Starting background research and planning to finish by Feb 15th

## February 13, 2026

- Background research

## February 14, 2026

- Background research

## February 15, 2026

- Background research

## February 26, 2026

- Adjusted problem to : Why do larger animals with long lifespans have a lower cancer rate than smaller animals with shorter lifetimes and fewer cells?

- Researched deeper into the topic and Richard Peto

#### February 28, 2026

- Research
- Planned to finish at least half, but organization kept changing

#### March 1, 2026

- Research
- Used AI (ChatGPT) to help me better understand certain aspects of the project
- Accidentally deleted information on science fair portal so decided to finish it in a google Doc and paste it back in later
- Used MyBib to organize citations into APA format