**Hyenas**

**Hyenas are not wild dogs.**

**They are actually closer relatives to cats.**

Create a project that displays an argument from evidence that hyenas, which are neither felines nor canines, are actually much closer to cats than dogs.

1. Analysis of **homologous structures** between hyenas, felines and canines.
2. Analysis of the fossil record for **transitional fossils** in the family tree that link your species with cats.
3. Analysis of **DNA similarities** between hyenas, canines and felines that shows relationships. Use phylogenetic trees and percentages of DNA relationships
4. Analysis of **embryos** that shows relatedness with big cats.

Compile all the evidence you collect to create an argument that supports that hyenas are close relatives of cats, not dogs.