



# HOMESCHOOL

## DINOSAURS

### UNIT STUDY OUTLINE

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### 1. INTRODUCTION TO DINOSAURS

- What are dinosaurs?
- When did they live?
- What happened to them?

### 2. TYPES OF DINOSAURS

- Distinguishing features of different types of dinosaurs (e.g. T-Rex, Stegosaurus, Triceratops, etc.)
- Classification of dinosaurs based on physical characteristics (e.g. herbivores vs. carnivores, bipedal vs. quadrupedal)

### 3. FOSSILIZATION AND PALEONTOLOGY

- How fossils are formed
- The work of paleontologists
- The significance of dinosaur fossils in understanding the Earth's history

### 4. THE JURASSIC PERIOD

- An in-depth exploration of the Jurassic period, when dinosaurs were most prevalent
- The types of dinosaurs that lived during this time
- The environment and climate of the Jurassic period

### 5. DINOSAURS IN POPULAR CULTURE

- The portrayal of dinosaurs in movies, TV shows, and books
- The impact of pop culture on our perception of dinosaurs

### 6. MODERN-DAY ANIMALS COMPARED TO DINOSAURS

- Comparing dinosaurs to modern-day animals (e.g. birds, reptiles, mammals)
- How certain traits have evolved or disappeared over time

### 7. DINOSAUR EXTINCTION

- Theories about why dinosaurs went extinct
- How the extinction of the dinosaurs affected the Earth's ecosystem

### 8. ACTIVITIES AND PROJECTS

- Dinosaur-themed crafts, games, and activities
- Creating a dinosaur diorama or model
- Researching a specific type of dinosaur and creating a report

### 9. CONCLUSION

- Recap of what was learned during the unit study
- The ongoing impact of dinosaurs on science and popular culture.
- Researching a specific type of dinosaur and creating a report

# INCORPORATING DINOSAURS IN SUBJECT AREAS

## SCIENCE & BIOLOGY

Dinosaurs unit study can focus on various scientific aspects of dinosaurs such as their anatomy, habitat, behavior, and extinction.

## PALEONTOLOGY

Paleontology is the study of ancient life forms such as dinosaurs, and it can be a significant part of the dinosaur unit study. This topic covers how fossils are formed, how they are discovered, and how they provide evidence about the history of life on Earth.

## GEOGRAPHY

Dinosaurs unit study can also involve exploring the geographic distribution of different species of dinosaurs and the geological periods in which they lived.

## HISTORY

The study of dinosaurs can also be integrated with history, where students can learn about the discoveries of important paleontologists and how the knowledge of dinosaurs has evolved over time.

## ART

The study of dinosaurs can inspire students to create artwork based on their imagination and interpretation of what these creatures may have looked like.

## LITERATURE

Dinosaurs can also be a great source of inspiration for literature. Students can read and analyze books that incorporate dinosaurs as characters or subjects.

## MATHEMATICS

Dinosaurs unit study can also integrate math through activities such as measuring the size of dinosaurs, calculating the speed of their movements, and exploring geometric shapes related to dinosaur anatomy.

## POPULAR CULTURE

Studying dinosaurs in pop culture involves exploring how these prehistoric creatures are depicted and interpreted across a wide range of media, reflecting their enduring popularity and influence on cultural discourse.

