

Sp. 2 Dinosaurs Knowledge Map



When were dinosaurs alive?

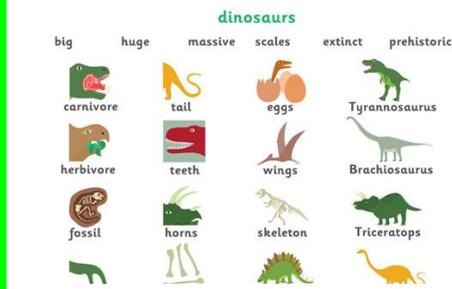
Where did they live and what did they eat?

Are dinosaurs still alive now? How did they become extinct?

If this happened in the past, what might happen in the future?

Key Vocabulary

Dinosaur
Stegosaurus
Triceratops
Brachiosaurus
Tyrannosaurus rex
Pterodactyl
Volcano
Extinct



We will be...

Finding out facts about different dinosaurs and making our own fact files about them

Creating a world for the dinosaurs to live using a small world and construction

Exploring a Dinosaur Dig role play and learning about palaeontologists.
Having a Palaeontologist visit.

We will be conducting a volcano and asteroid science experiment.



Key Information

Dinosaurs lived on earth approximately 243 million years ago.

Some dinosaurs were carnivores who eat meat such as a Tyrannosaurus Rex.

Some dinosaurs were herbivores who don't eat meat but eat plants instead, such as a Brachiosaurus.

Some dinosaurs were omnivores who eat both meat and plants such as an Oviraptor.

Dinosaurs are now extinct, which means they aren't alive anymore.

Things to do at home

Research dinosaur facts and create your own fact file – record the facts and post them onto Class Dojo.

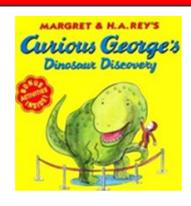
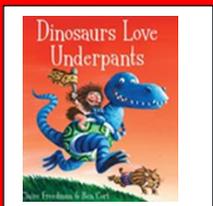
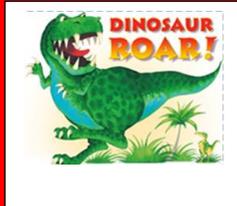
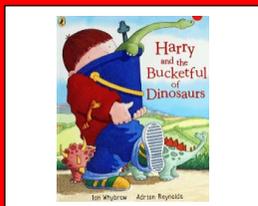
Can you find a book about dinosaurs to read –this could be a book you have, a book from the library, or an e-book.

Can you conduct your own volcano or asteroid science experiment at home?

Can you draw and label dinosaurs?



Key Texts



Horizons

Virtual Natural History Museum tour

Use iPads to create a fact file/book

Activity 10-Find shapes in Nature

Activity 26-Reach for the stars

Computer science-create simple programs within an App.

Personal, Social and Emotional Development

Hook – find a dinosaur egg in Forest school and discuss where it came from, how was it laid? Will its, mother care for the baby the same or different from how you are cared for?

Participate in circle times and discussions about dinosaurs

What is our favourite dinosaur and why?

Keeps play going by responding to what others are saying or doing.

Demonstrates friendly behaviour initiates conversations and forms good relationships

Confident to talk to other children when playing and will communicate freely about own home and community.

Can inhibit own actions/behaviours

Physical Development

Move like dinosaurs e.g., stomp like a Triceratops, flap like a pterodactyl, stretch like a diplodocus.

Gymnastics-Apparatus - Developing agility and co-ordination- Runs skilfully and negotiates space successfully, adjusting speed or direction to avoid obstacles.

Fine motor dinosaur activities e.g., tapping a frozen egg to free the dinosaur

Playdough dinosaurs (use different techniques and tools)

Discuss the foods dinosaurs ate – were they healthy or not healthy?

Understand that equipment and tools have to be used safely.

Dresses with some help

Can stand momentarily on one foot when shown.

Communication and Language

Using the new vocabulary in context, encouraging whole sentences

Using Dino dig role play, encourage the use of new language

Circle times: If I was a dinosaur for a day I would...

Be able to join in with familiar stories e.g. repeat lines/retell

Use descriptive language to describe the dinosaurs

Recall dinosaur facts and begin to hold sentences for writing

Begin to understand and ask 'who' 'what' 'why' 'when' 'where' and 'how' questions.

Shows understanding of prepositions such as 'under', 'on top', 'behind' by carrying out an action or selecting the correct picture.

Responds to instructions involving a two-part sequence.

Uses talk to connect ideas, explain what is happening and anticipate what might happen next, recall and relive past experiences.

Uses a range of tenses (e.g. *play, playing, will play, played*).

A summary of the teaching and learning targets that we will be covering in Nursery, this half term, during our focus topic: Delightful and dangerous Dinosaurs!

Mathematics

Comparing the size of dinosaurs- order by size/length/height

Measuring dinosaurs or their footprints using cubes

Counting dinosaur fossils

Uses positional language– in, on, under, behind, between, in front of

Begins to represent numbers using fingers, marks on paper or pictures.

Sometimes matches numeral and quantity correctly.

Compares two groups of objects, saying when they have the same number.

Shows awareness of similarities of shapes in the environment.

Shows interest in shape by sustained construction activity

Literacy

Joins in with repeated refrains and participates in key events and phrases in rhymes and stories about Dinosaurs.

Use images of dinosaurs, constellations, or planets as a stimulus for talking and writing

Write letters for Dear Dinosaur/Make fact files/books/use stick puppets and story sacks to retell key texts

Label parts of a dinosaur/bones when pretending to be a paleontologist

Match/write initial sounds for names of dinosaurs/key vocab

Handles books carefully. Knows information can be relayed in the form of print.

Gives meaning to marks they make as they draw, write and paint.

Expressive Arts and Design.

Junk modelling volcano

Dinosaur shadow drawing

Creating a dinosaur land – trees, volcanos, swamps

Make textured dinosaur pictures, describing the texture of things

Using Pointillism to paint a dinosaur

Drawing and labelling favourite dinosaurs

Dino dig role play

Salt dough dinosaur footprints, fossils or bones

Explores colour and how colours can be changed.

Uses various construction materials.

Uses available resources to create props to support role-play.

Understanding of the World

Small world figures and objects e.g., dinosaurs

Discuss how life is now compared to when dinosaurs were alive

Set up a dinosaur tray to encourage role play and discussion

Compare and contrast the environment then to the environment now

Dino dig role play area

Research facts about dinosaurs using books and iPads

Non-fiction books to explore dinosaurs

Use iPads to create a fact file, knowing that

information can be retrieved from computers

Explore how dinosaurs may have become extinct

UNICEF-

Children's Rights/ British Values
Mutual respect and tolerance

Children to celebrate different festivals and share experiences of all cultures and faiths

Children to learn to take turns to talk and listen to each other

Adults to provide resources and activities that challenge gender, cultural, and racial stereotyping

E-Safety

Session 5

Games and Apps

Session 6

Calming Down

PSHE

Jigsaw- Healthy Me

Making healthy choices

Eating a healthy, balanced diet

Being physically active

Keeping themselves and others safe

Knowing how to be a good friend and enjoy healthy friendships

Knowing how to keep calm and deal with difficult situations

9 Habits

Forgiving

forgiveness can help transform difficult situations.

Compassionate

Children to begin to understand what it means to be compassionate and how empathy is part of being human and connecting with others.

Suggested Resources

Small world dinosaurs

A range of construction and creative resources to allow for imaginary dinosaur play- e.g., stampers, jigsaws, games

Dinosaur Dig Roleplay resources – paint brushes, sand, fossils, dinosaur bones, small world dinosaurs, non-fiction books or fact cards, explorer hats

Jurassic Park Jeep Safari role play- rucksack, map, compass, explorer hats, binoculars, explorer badges

Fiction and non-fiction dinosaur books

Images of different dinosaurs in different environments to prompt discussion, reading, drawing, and writing

Dinosaur timeline/fact files

Volcano tuff tray