

Personal & Social Development, Well-being and Cultural Diversity

- discuss the importance of looking after our world and caring for the environment
- What does the term 'extinct' mean? How can we help endangered species?
- discuss attributes required to be a palaeontologist e.g. patience, perseverance etc and link to own activities in class.

Knowledge and Understanding of the World

- Places and People - use an atlas or globe to locate where dinosaur fossils have been found (great to place in role play). Design a map to lead a lost dinosaur from your school back to Dan yr Ogof. What natural and human features will it pass on the way?
- Time and People - discuss changes caused by time. What do you think the earth looked like when dinosaurs roamed? How is it different now? (you can create a dinosaur land in the texture tray using ferns, sand etc).
- Myself and Other Living Things - group dinosaurs according to observations e.g. horns/no horns, walks on 2 legs/walks on 4 legs etc.
- Myself and Non-Living Things - freeze mini dinosaurs in ice and investigate how to free them.

Physical Development

- develop gross motor movements to mimic various dinosaurs e.g. moving on all fours, on two legs, flapping wings etc.
- develop fine motor movements through digging, scraping, chipping etc at fossils using various small tools
- dinosaur stations game - call dinosaur name and children follow commands to travel to correct station e.g. "Stomp to stegosaurus"

Mathematical Development

(Also see extended notes for mathematical activities)

- Number - have a dinosaur/egg hunt. Estimate number of dinosaurs in a jar. Number recognition games.
- Measures and Money - measure out the actual length or height of a dinosaur.
- Shape, Position and Movement - create dinosaur pictures using various shapes, 2D and 3D. Blindfold friend and give directions to find a hidden dinosaur.
- Handling Data - create a class pictogram or graph of favourite dinosaurs. Collect data on dinosaurs.

Dinosaurs

Creative Development

- make dinosaur skeletons using pipe cleaners or collages using various dried pasta shapes
- design and create models using recycled waste e.g. toilet rolls, bottle tops etc.
- explore using various materials such as paper mache (place a small dinosaur in a balloon, inflate then cover with paper mache. Children can crack open the egg and identify the baby dinosaur) and plaster of paris (use to create an imprint of a skeleton or foot print and bury in soil/sand for children to discover)
- compose music in response to a scene e.g. dinosaurs fleeing a volcanic eruption
- create a dinosaur dance

Language, Literacy and Communication

- Oracy - describe and name a dinosaur they have designed. Adopt a role e.g. palaeontologist in the role play area (fill with paper mache fossils, paintbrushes, magnifying glasses, maps etc).
- Reading - create a reading area of fiction and non-fiction books on the topic. Share dinosaur stories and encourage relative books from home to be brought in
- Writing - experiment by composing new dinosaur names, possibly to describe their own designs e.g. 'Meanosaurus' or using their own names e.g. 'Oliverosaurus'. List adjectives to describe a dinosaur (can be scribed or written independently). 'Who am I?' Children to write a description of a dinosaur for the others to solve. Missing/Wanted posters describing dinosaur.

Welsh Language Development

- Role play with a dinosaur puppet introducing or revising sentence patterns and instruction e.g. "Bore da Mr T-Rex, sut wyt ti?"
- Introduce/revise colours using model dinosaurs
- Write about the dinosaurs likes and dislikes using familiar sentence patterns