

SCALE DINOSAURS

Age 9-12

Topic:

This is a fun, meaningful context to bring to life the mathematical study of scale and measure

Key terms:

Mathematics, scale, measure, models

Estimated time:

45-60 minutes

What we need:

- Squared paper, pencils and rulers
- String, tape measures and chalk
- Varied loose parts

Methods:

experiential learning

Activity description:

Turn your playground into Jurassic Park with measured out scale models of dinosaurs

1. Split the children into groups and have them find out the dimensions of a chosen dinosaur.
2. The groups draw a scaled down outline of their dinosaur on squared paper deciding the value of each square in meters.
3. This scale drawing is the plan from which the groups create their life size outlines outside in their chosen location.
4. Once they have marked out the dinosaur they can embellish it with features such as teeth, eyes, claws and scales using the loose materials available.

Curriculum Links:

- **Mathematics:** measure and scale models
- **Science:** biodiversity and adaptation

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