

STEM in a Context CLPL

Dippy the Dinosaur



Welcome





STEM in a Context CLPL

STTEM in a Context will explore the various ways in which the science experiences and outcomes can be incorporated within a variety of common primary contexts whilst further developing scientific enquiry skills through practical activities.



Dippy the Dinosaur

5 Activities that will focus on how to deliver the experiences and outcomes on:

- Forces
- Water Cycle
- Materials
- Shape



Ice Age

Learning Outcome:

Separate mixtures using different techniques and apparatus.

What you will need:

- Variety of sieves
- Sand
- Gold Nuggets - food decoration balls
- Variety of solids - dried peas, chickpeas, raisins etc.
- Timer



Tangram-osaurus



Learning Outcome:

Construct a dinosaur using 2D shapes

What you will need:

- Set of 7 shapes
- Geometric dinosaur shape
- Extension tangram sheet



Experience and Outcomes

Numeracy: MTH 0-16a, 0-19a, 1-16b, 1-19a

Sand Sort



Learning Outcome:

Separate mixtures using different techniques and apparatus.

What you will need:

- Variety of sieves
- Sand
- Dinosaurs
- Variety of solids - dried peas, chickpeas, raisins etc.
- Timer



Experience and Outcomes
Science: SCN, 2-16a

Fizzing Fossils

Learning Outcome:

Identify what substances are dissolvable.

What you will need:

- Baking soda
- Cornstarch
- Food colouring
- Vinegar and water
- trays



Ice Age

Learning Outcome:

Demonstrate and explain why some solids melt.

What you will need:

- Ice egg
- Warm/cold water
- Tools
- Salt



Dinodoh

Learning Outcome:

Demonstrate and explain forces by changing the shape of an object.

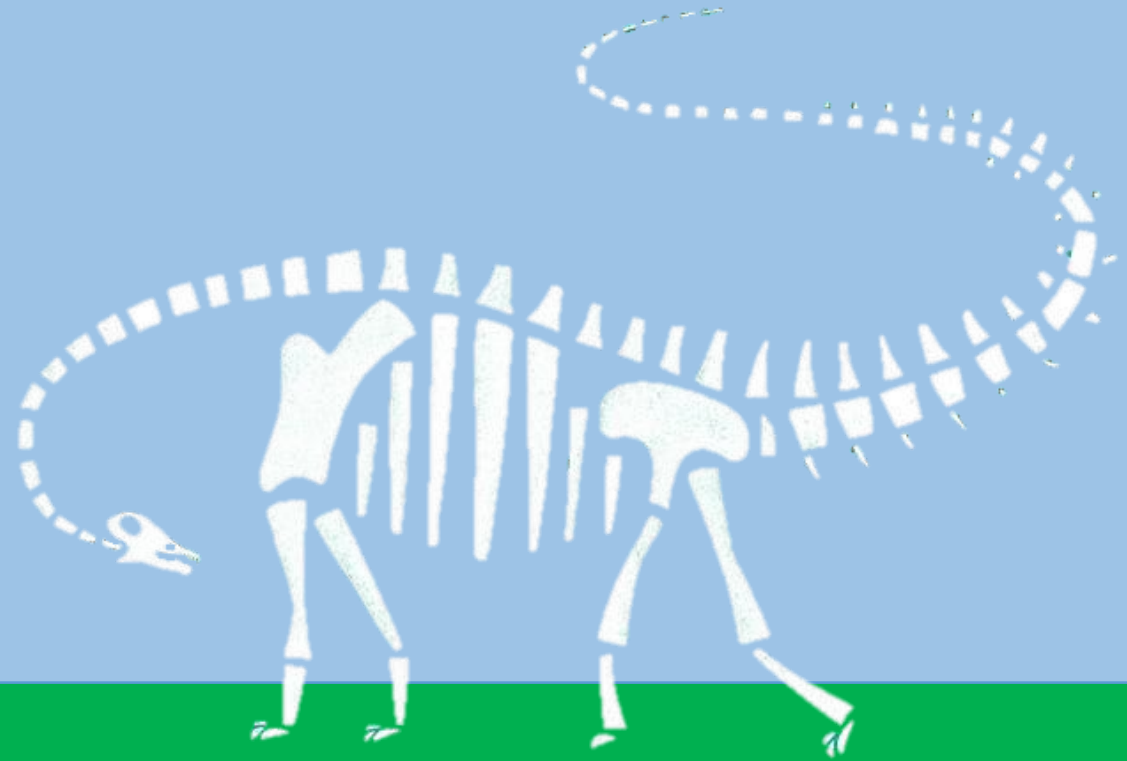
What you will need:

- Playdoh
- PowerPoint with word commands and timer

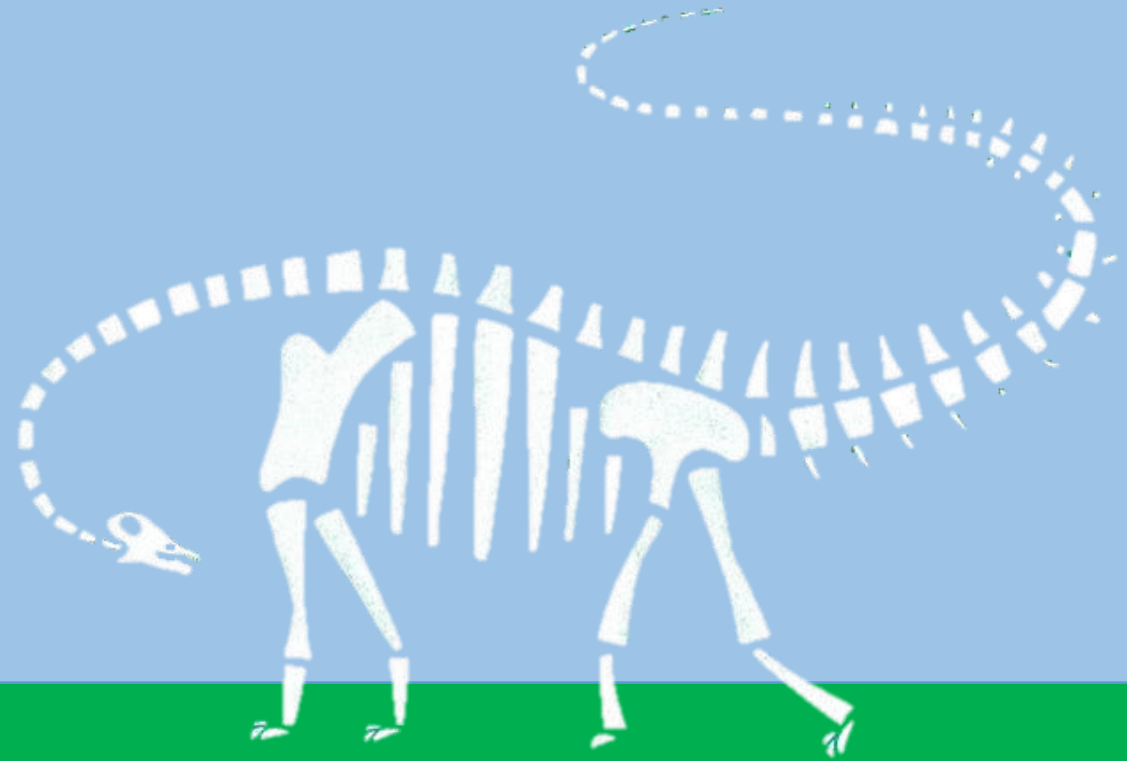
Create a dinosaur with Playdoh only using the commands 'push', 'pull' and 'twist'.



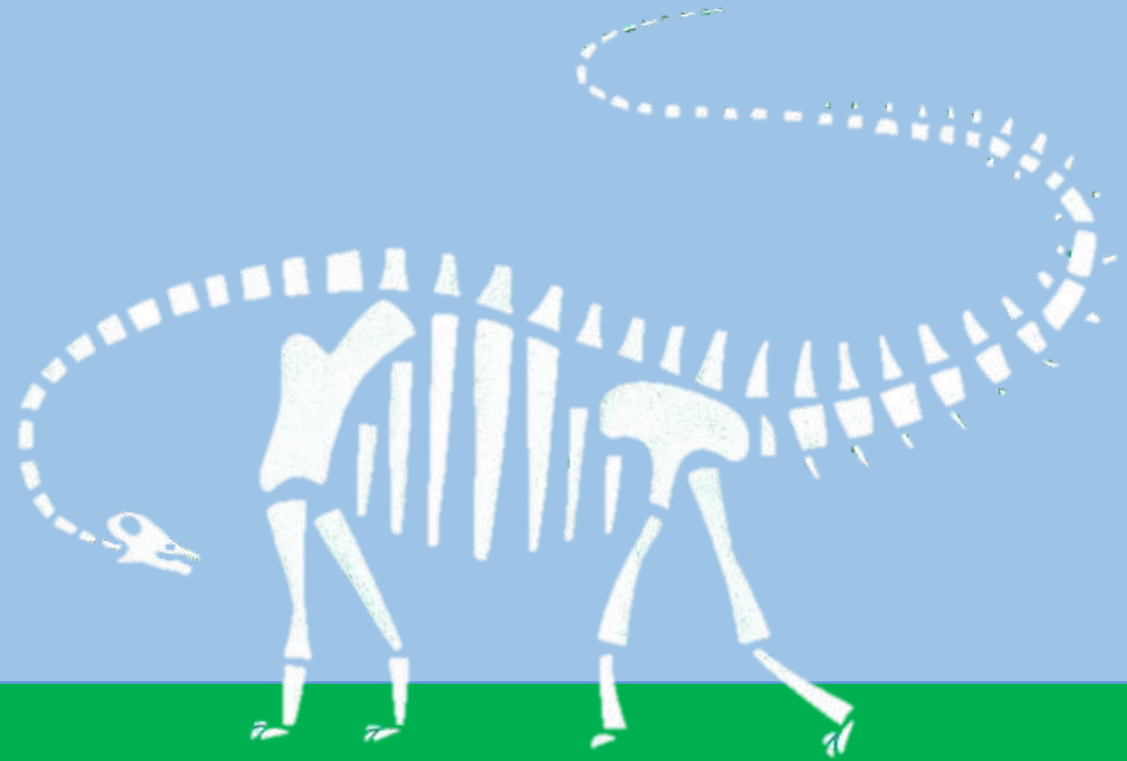
Twist



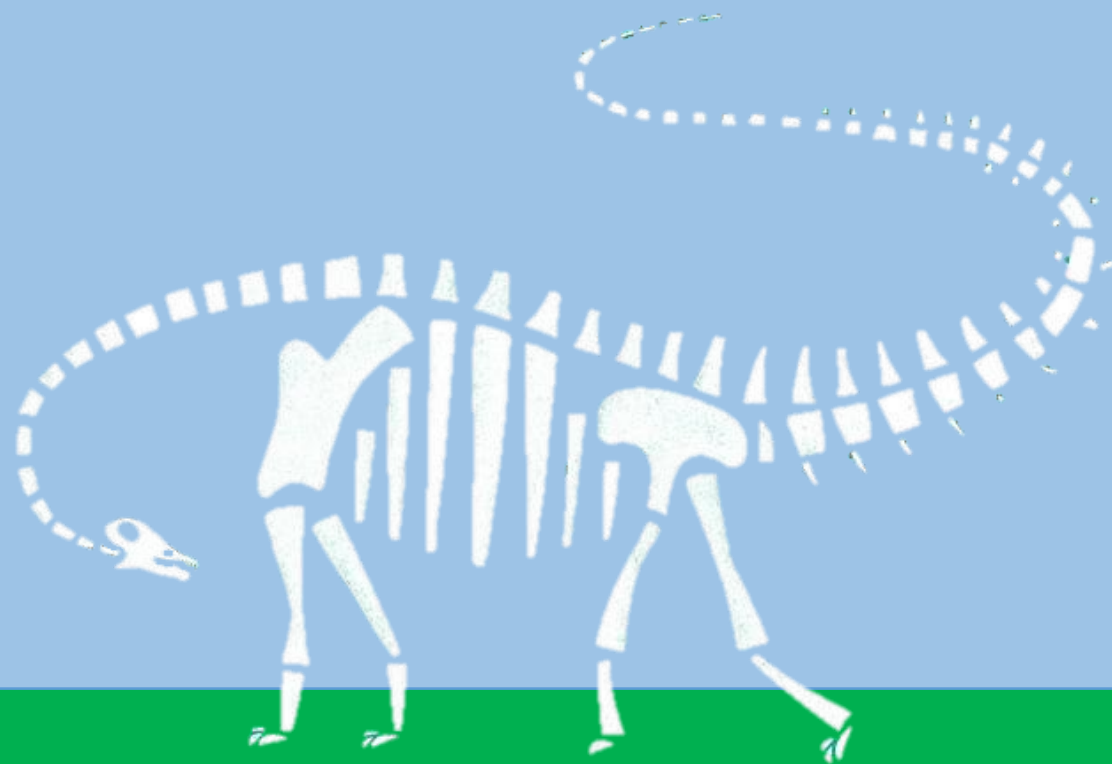
Push



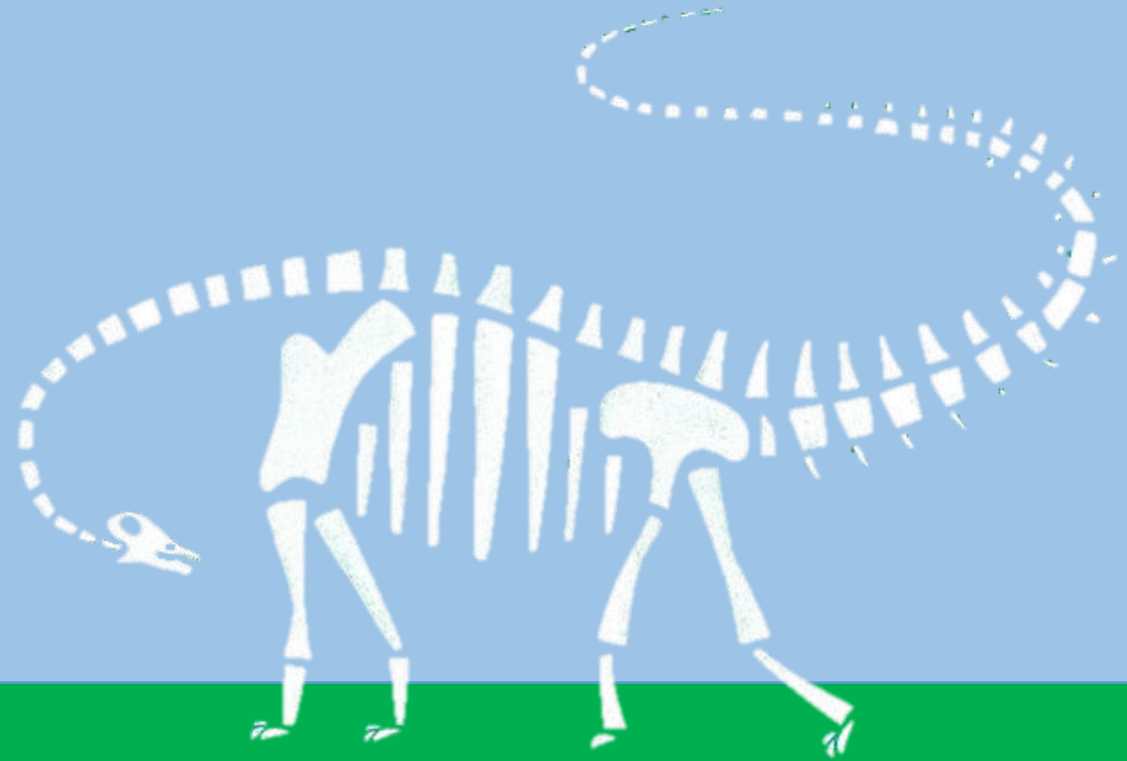
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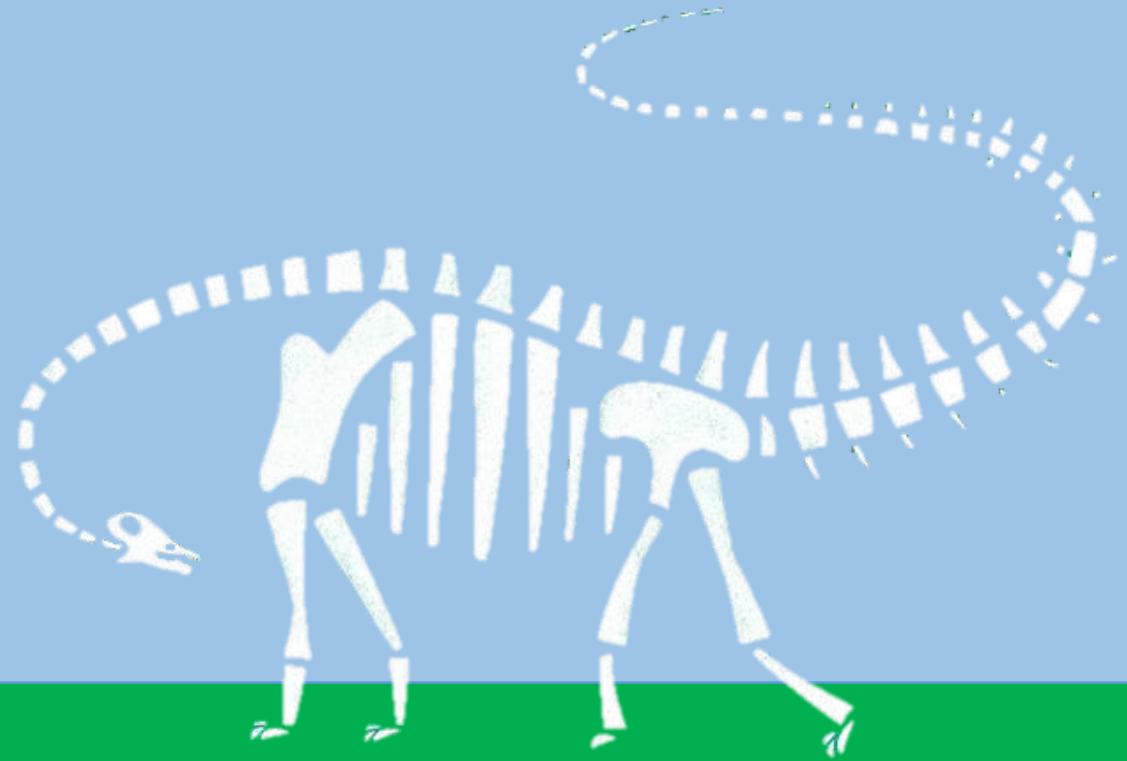
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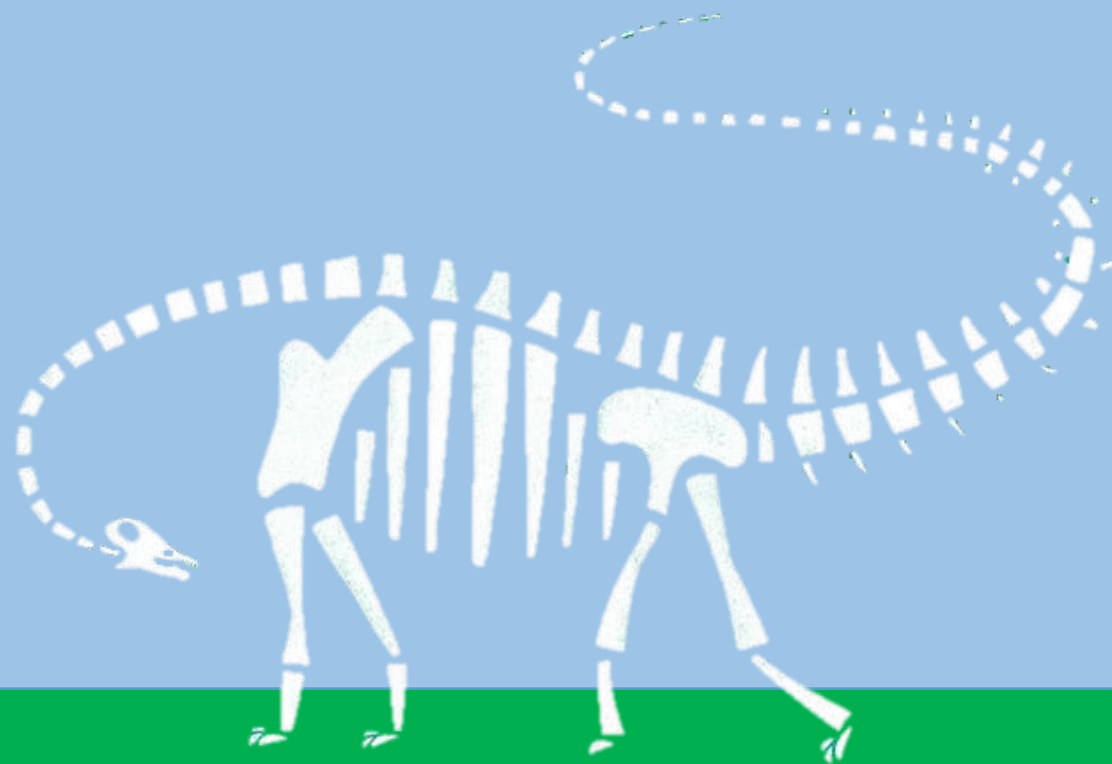
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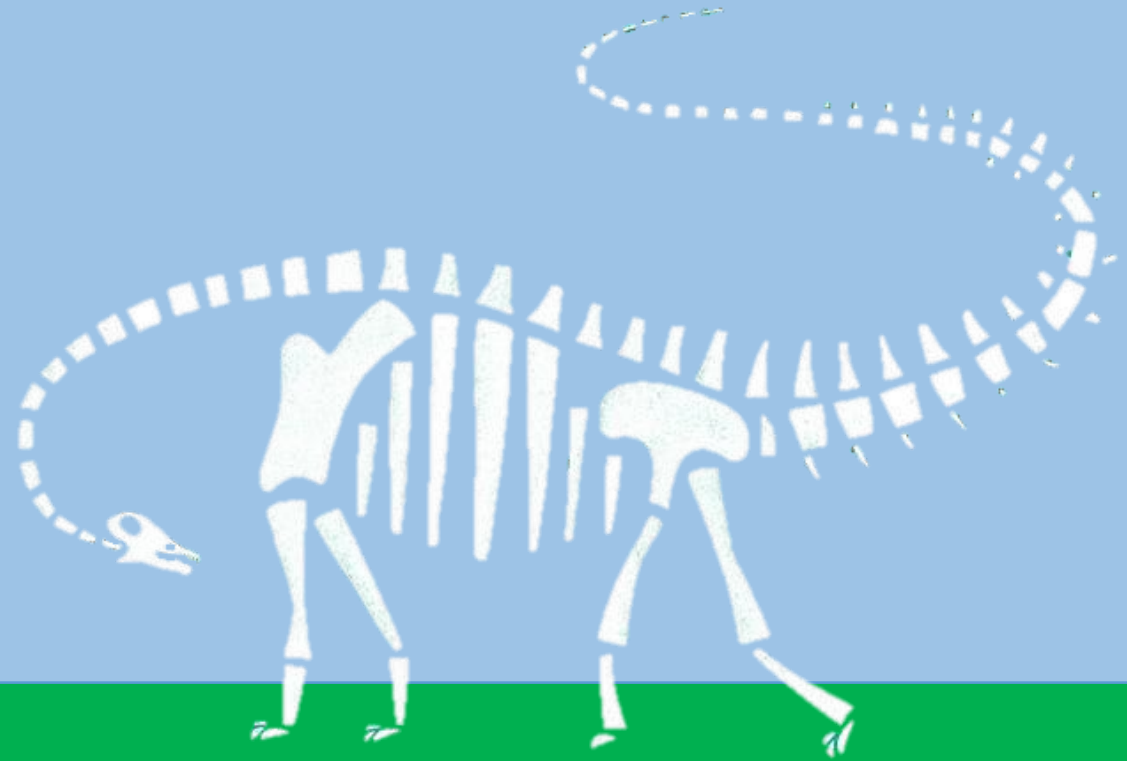
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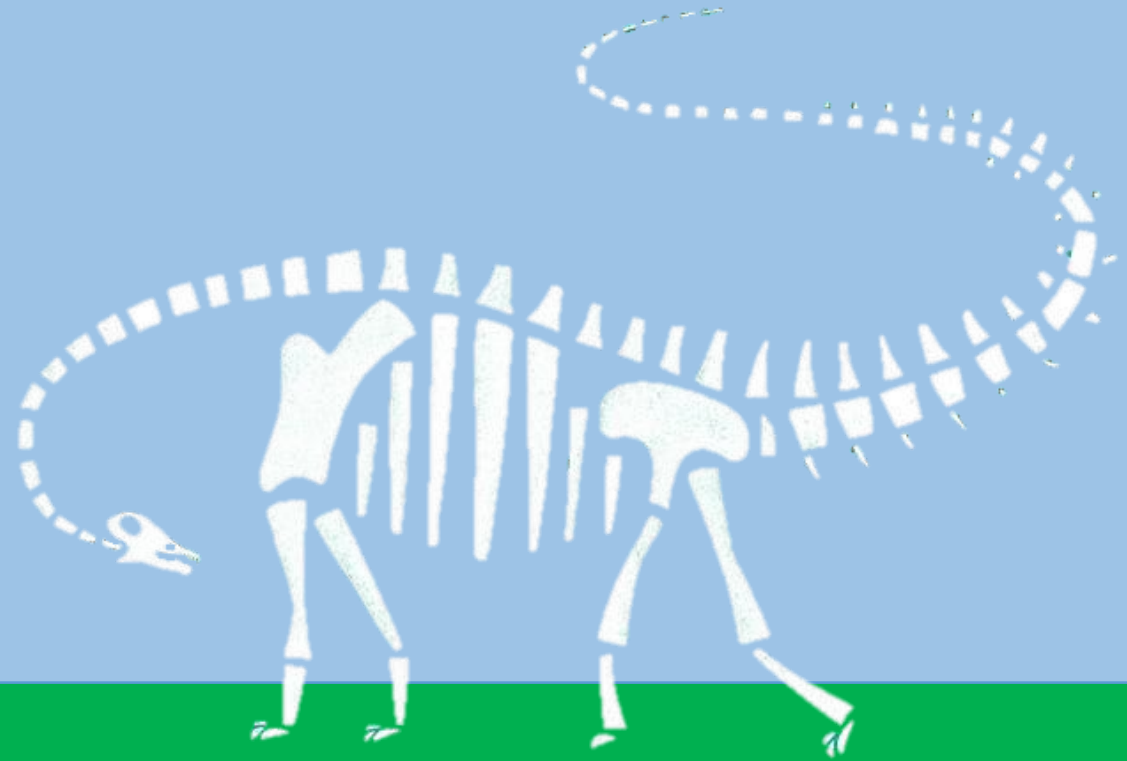
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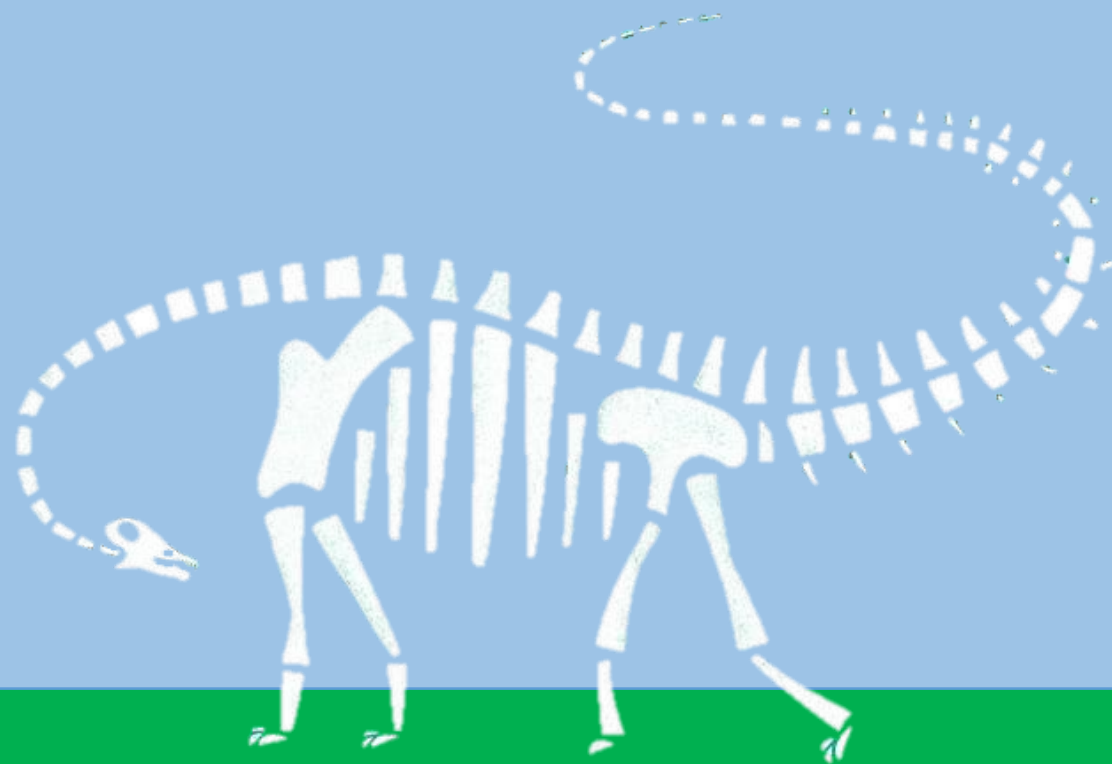
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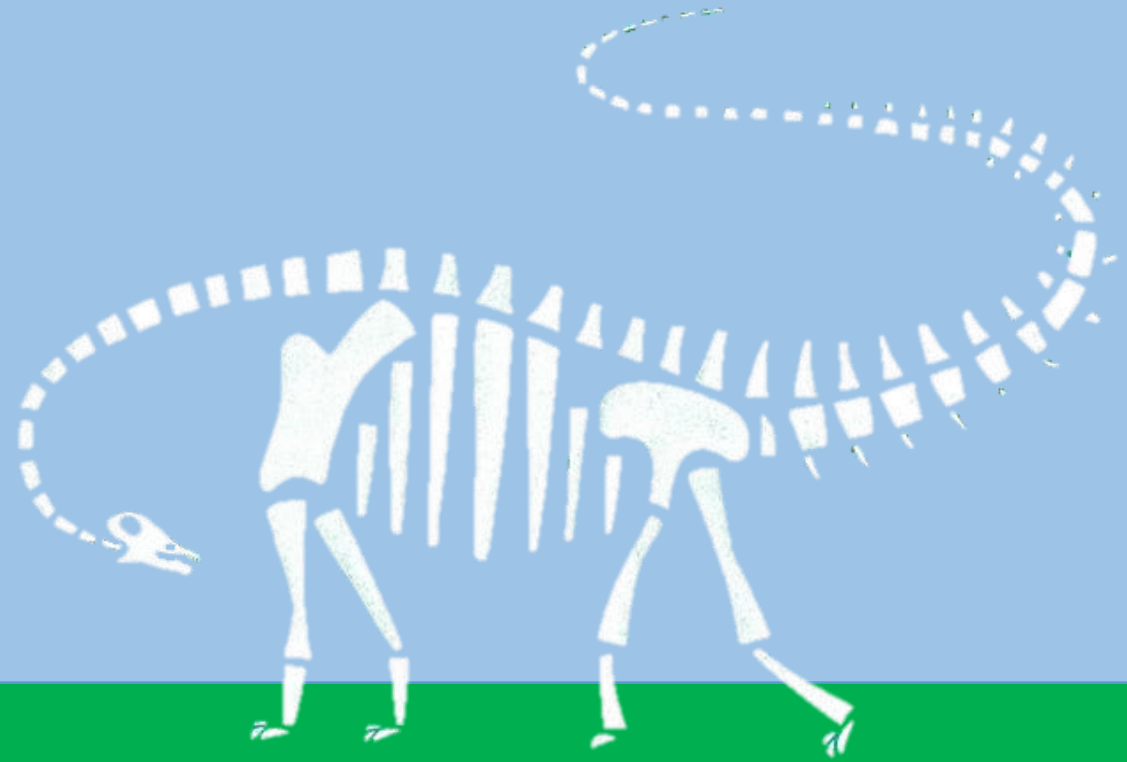
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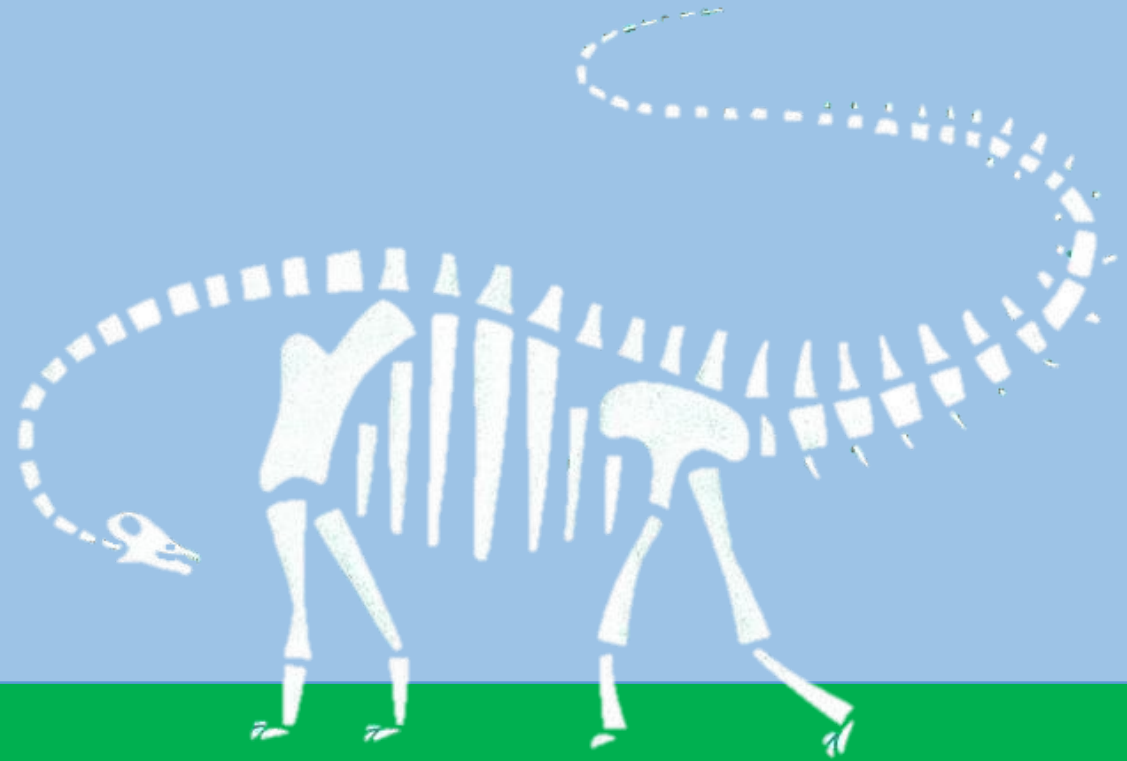
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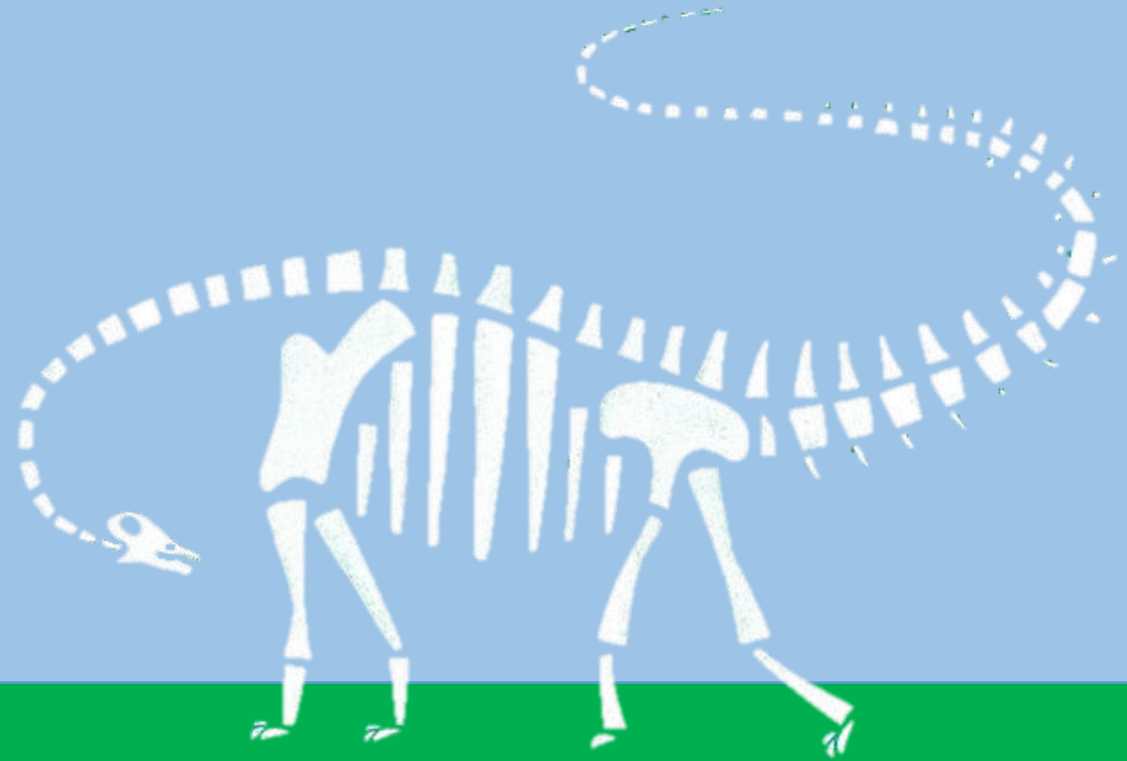
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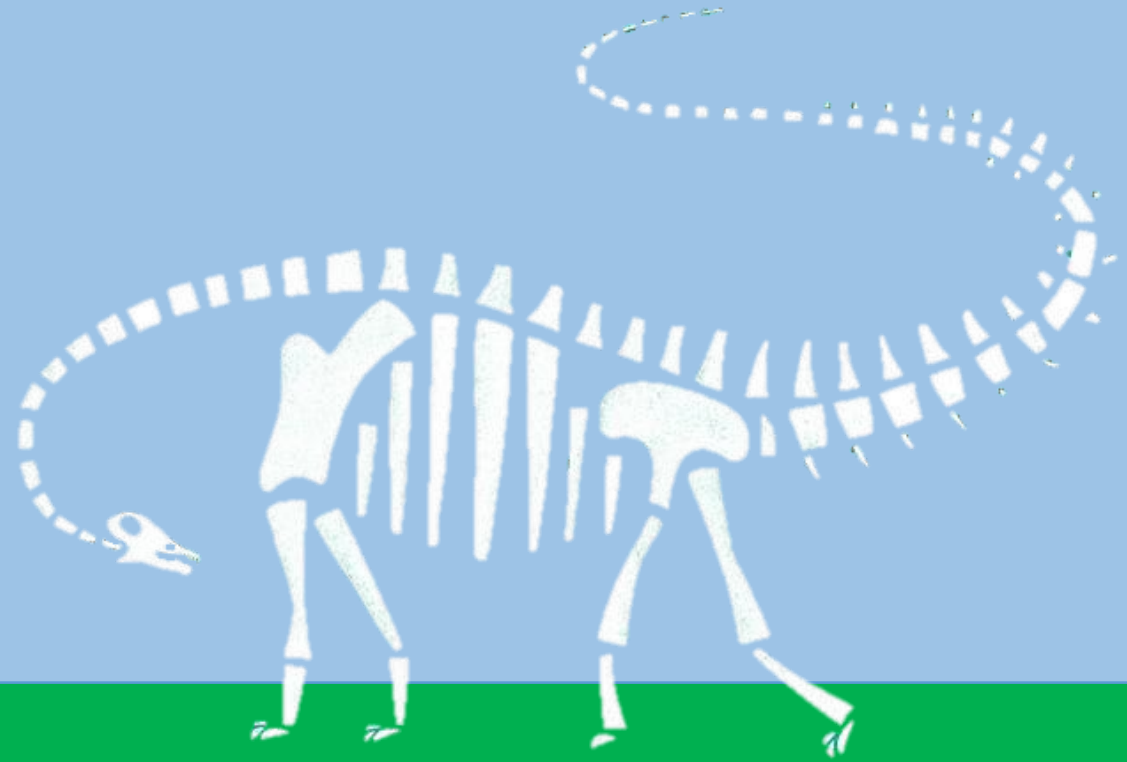
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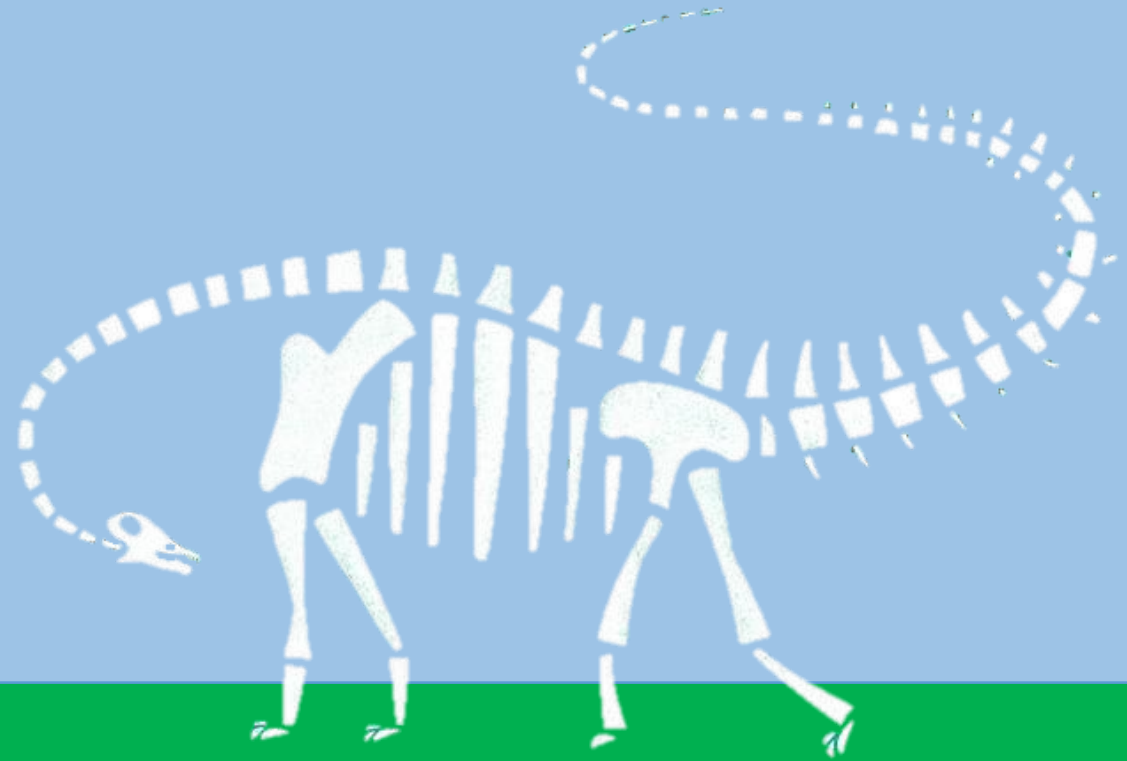
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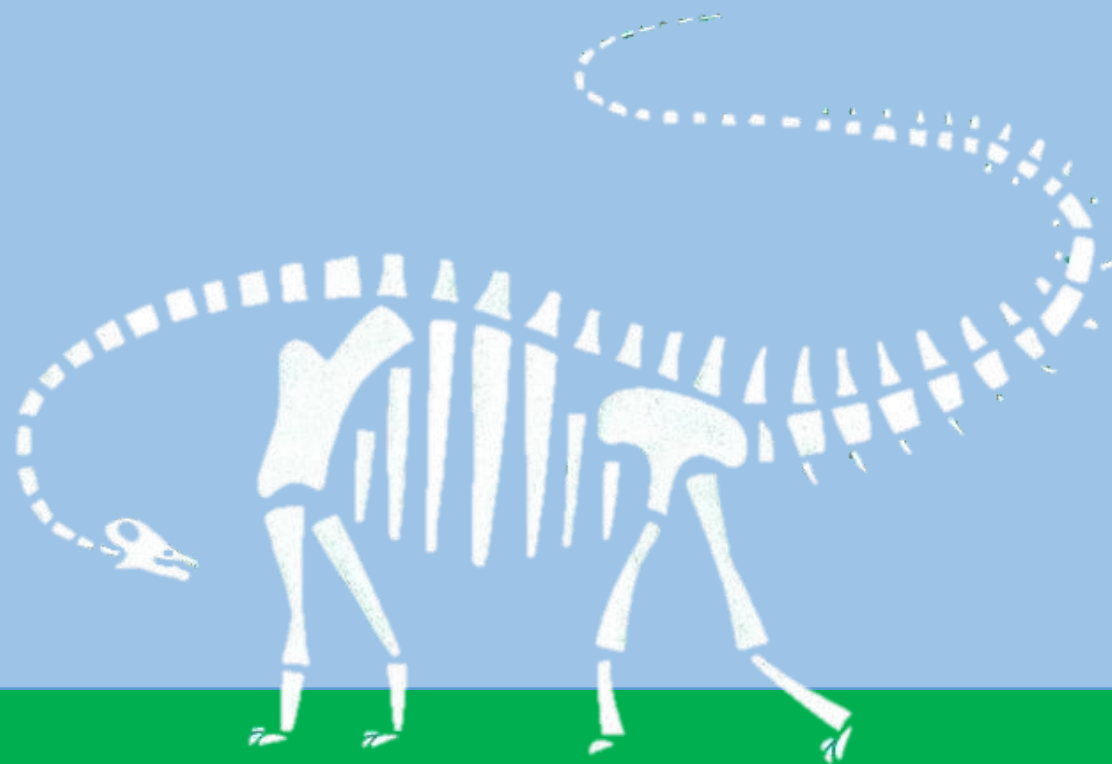
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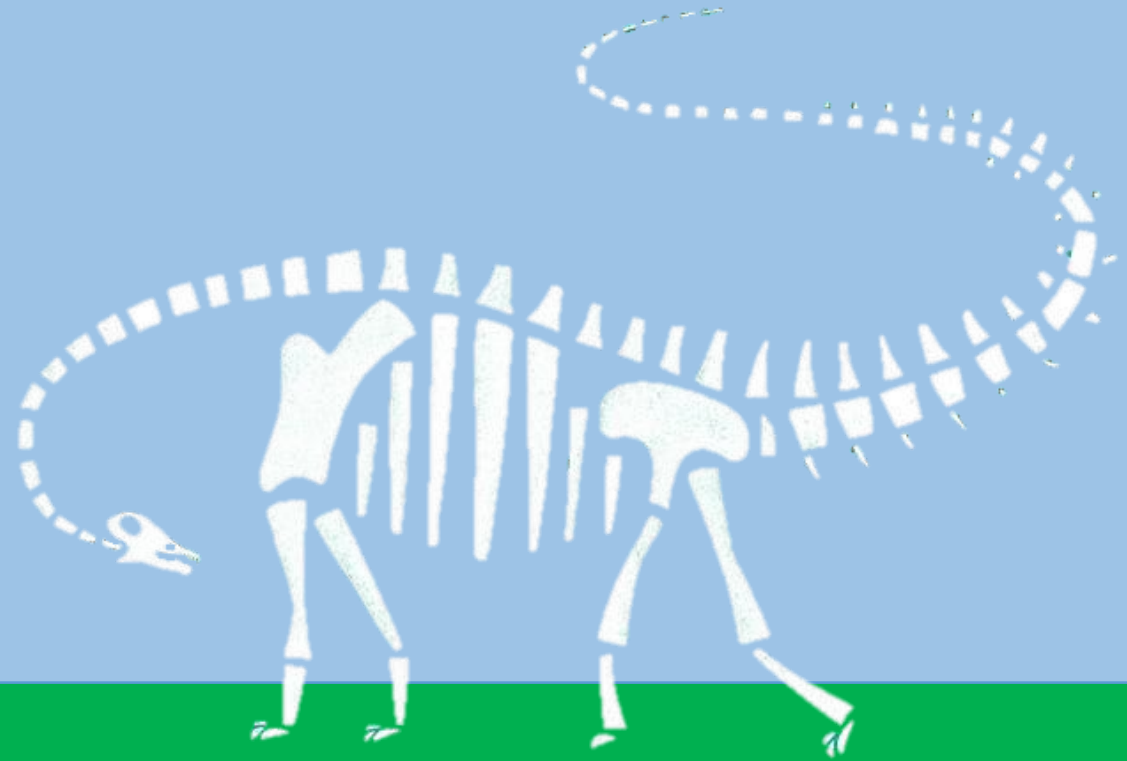
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Evaluation

