



Explore how dinosaurs fed and reproduced.

Make observations when answering questions and use appropriate vocabulary to describe life processes.

Gallery visited

(please see accompanying map)



Dinosaurs

Suitable for

● Key Stage 1 (ages five to seven)

Curriculum links

QCA Science Unit 2A: Health and Growing

QCA Science Unit 2C: Variation

NC Science: Scientific Enquiry 1, Life Processes & Other Animals 1b

Example page

www.nhm.ac.uk/dinosaurs-ks1

Pre-visit preparation

- vocabulary: skeleton, horns, materials





Explore and Discover...

Dinosaurs

Become a dinosaur detective

Activities within the guide

The children will be asked to complete four challenges:

	Challenge	Description
	1. <i>Triceratops</i> challenge	Draw in some missing parts of <i>Triceratops</i> and think about how big it was.
	2. <i>T. rex</i> challenge	Imagine you have just seen a real <i>T. rex</i> . Complete your letter home and draw what you have seen.
	3. Dinosaur nest challenge	Look at a dinosaur nest and learn about where baby dinosaurs came from.
	4. Choose a dinosaur challenge	Which dinosaur would you like to take back to school?

These can be done in any order within the gallery. Depending on how many challenges the children complete, they can reach these levels:

- researcher (two challenges completed)
- scientist (three challenges completed)
- professor (four challenges completed)

Certificates

On return to school, certificates (available at the end of this document) can be printed out and awarded, depending on the number of challenges completed.

Techniques

There are a range of techniques used within the guide. To complete the challenges, children will be required to:

- make choices based on observation
- write short answers
- make personal choices
- choose appropriate descriptive vocabulary
- make sketches
- discuss answers with a partner
- extract information from exhibits and their information boards

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Follow-up activities

- **Award ceremony**
Print out certificates and have an award ceremony
- **Literacy: Speaking & Listening**
Discuss the experiences had at the Museum and the challenges that were undertaken.
- **Science**
Bring in model dinosaurs and create your own dinosaur gallery.
Sort the dinosaurs in different ways.
- **Art & Design**
Make some 3D models of dinosaurs that really existed and design your own dinosaur.

Suggested answers for challenges:



Triceratops challenge

- Question 2:** Children should draw two large horns on the head, and flat serrated teeth at the back of the jaws. The *Triceratops* has three toes on its back foot.
- Question 3:** *Triceratops* was a plant-eater. Scientists aren't sure, but this dinosaur probably used its horns to fight other *Triceratops* over territory and mates. It could have used them in display and may have used them for defence.
- Question 4:** Elephant.



T. rex challenge

There are a number of words that could go into the blanks. Here are some examples:
Its teeth were big/sharp/pointed.
Its eyes were small and its teeth were covered in blood.
I thought this *T. rex* was big but also it was dangerous.
I liked its arms/teeth/eyes legs/tail/roar best



Dinosaur nest challenge

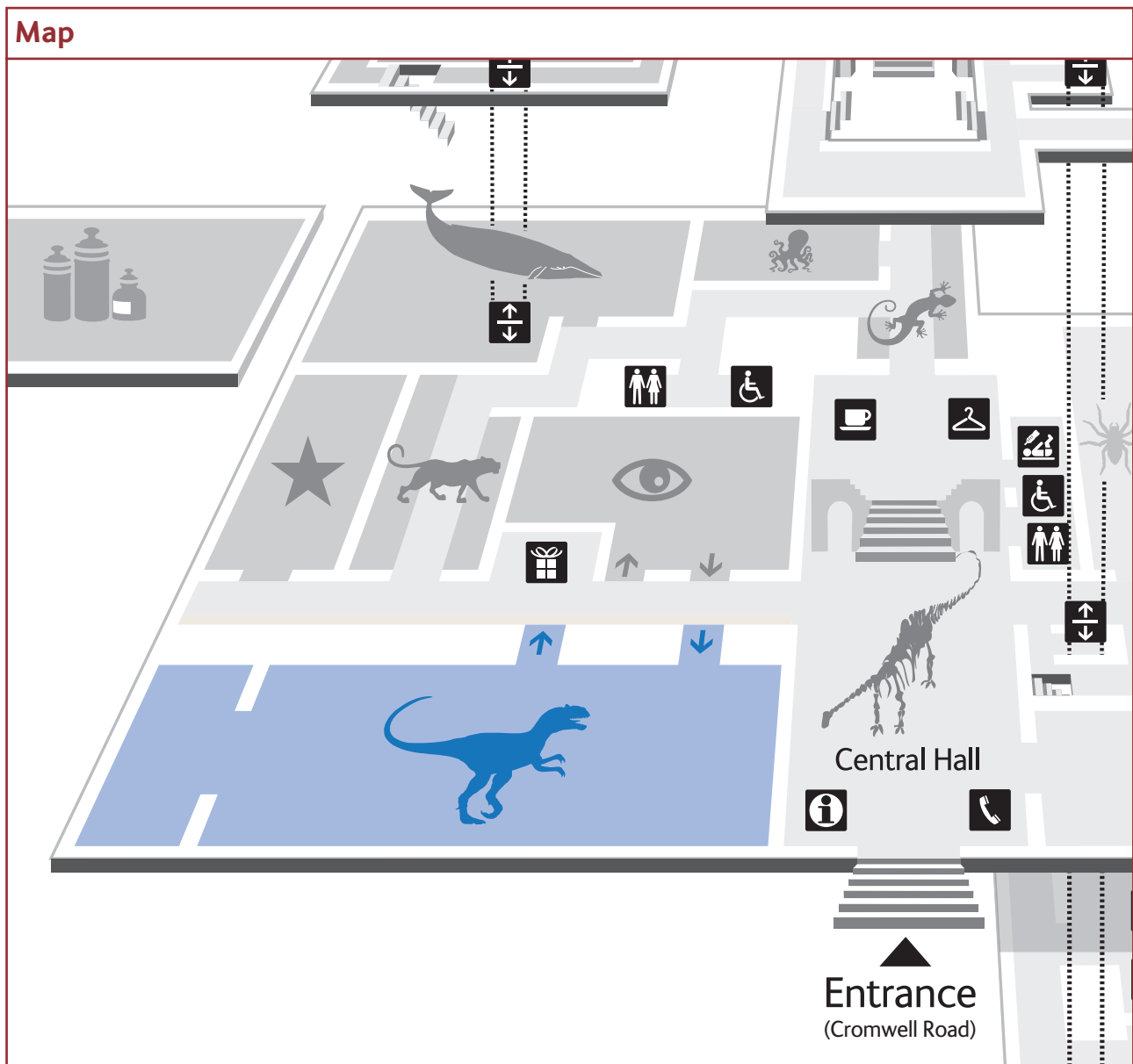
- Question 2:** Dinosaur nests were made from mud, leaves and twigs.
- Question 3:** Children should draw a baby *Maiasaura* in the shell.
- Question 4:** Birds, reptiles and monotremes (duck-billed platypus and echidna) lay eggs.
Children may write down any animals from these groups.



Choose a dinosaur challenge

Answers may vary depending on which dinosaur is chosen.

Become a dinosaur detective



A larger, full-colour version of this map showing the whole Museum is available at reception when you arrive.

Certificate

This is to certify that

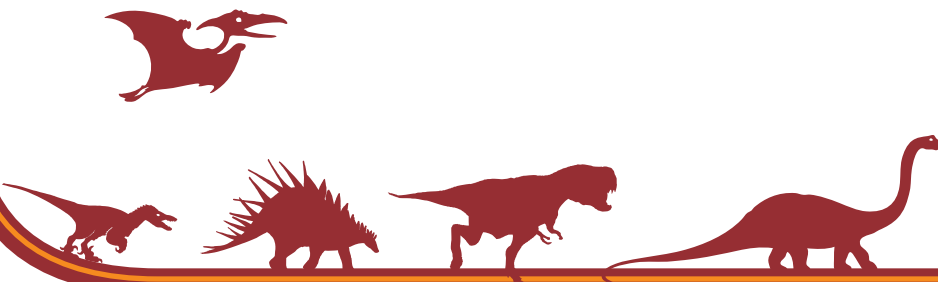
became a

researcher

in the Explore and Discover... Dinosaurs challenge

Teacher's name

Date



Certificate

This is to certify that

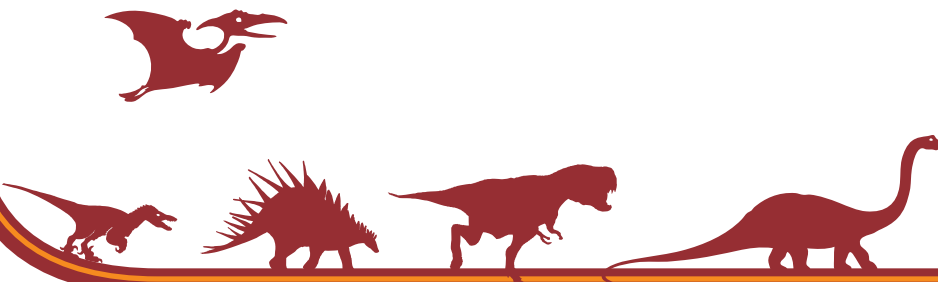
became a

scientist

in the Explore and Discover... Dinosaurs challenge

Teacher's name

Date



Certificate

This is to certify that

became a

professor

in the Explore and Discover... Dinosaurs challenge

Teacher's name

Date

