



## Project Dinosaur: Restricted Area 5!

Can you help us group these dinosaurs?

### Student Introduction

- ▶ Classifying dinosaurs can be a tricky business!
- ▶ What can you find out during your visit to **Restricted Area 5** that helps to classify the dinosaurs correctly?



### STEP

Today you are going to find out about different dinosaurs

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1. **Saurischians** ('reptile-hipped')
2. **Ornithischians** ('bird-hipped')

The **Saurischians** are then divided into subgroups:

- » **Sauropods**
- » **Theropods** (the only meat eating group)
- » **Herrerasaurids**.

The **Ornithischians** are divided into subgroups:

- » **Stegosaurus**
- » **Ankylosaurus**
- » **Ornithomimids**
- » **Ceratopsians**
- » **Pachycephalosaurs**.



### YOUR TASK

Your challenge will be to find out which subgroups the Area 5 Dinosaurs fit into.

- ✓ Firstly find out if they are **herbivores** or **carnivores** (this is important - your life could depend on this!)
- ✓ Next - make notes on the physical features of the dinosaurs.
- ✓ Put this information into the table on page 2.

Find 5 dinosaurs in Restricted Area 5. Record your observations in the table below. An example has been completed for you.

Name of Dinosaur	Herbivore / Carnivore? & Diet	Teeth description	How many legs?	Feet description	Other features e.g. spines, wings, long neck, plates, etc.
Iguanodon	herbivore, eats tough plants e.g. horse tail, trees	chewing teeth and a bony beak	4 - but hind legs are longer	3 large hooved-toes on each foot	long tail for balance
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## FOLLOW-UP TASK

Back at school, use your information to research which groups and subgroups the Restricted Area 5 dinosaurs belong to. Enter the results into the table below.

### RESULTS

Dinosaur Name	Group	Subgroup
Iguanodon	Ornithischian	Ornithopod

### Possible websites for research:

<http://www.dinosaurisle.com/dinosaurs.aspx>

[www.sciencekids.co.nz/sciencefacts/dinosaurs](http://www.sciencekids.co.nz/sciencefacts/dinosaurs)

[www.nhm.ac.uk/kids-](http://www.nhm.ac.uk/kids-)

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[www.edudest.uk](http://www.edudest.uk)

[www.wikipedia.com](http://www.wikipedia.com)

### Extension:

- ▶ Choose one of the Restricted Area 5 dinosaurs you researched.
- ▶ Write a paragraph about:
  - ✓ what it liked to eat
  - ✓ its physical features
  - ✓ when it lived
  - ✓ where it lived

*(make sure you check this last point carefully, as not all the Restricted Area 5 dinosaurs were actually found on the Isle of Wight!)*



### AGE OF THE DINOSAURS The Mesozoic Era

TODAY

65 million years ago

145 million years ago

208 million years ago

245 million years ago

