



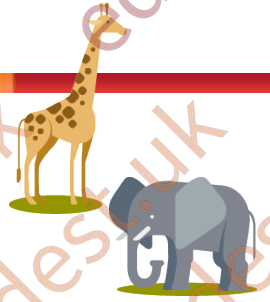
## African Adventure Challenge!

Size is everything!

Let's practise those estimation skills...

### Student Introduction

- ▶ There are many animals roaming around at Robin Hill Country Park!
- ▶ Can you help the park rangers figure out their size?



## On-site Estimation

Teaching resources by Education Destination Ltd.

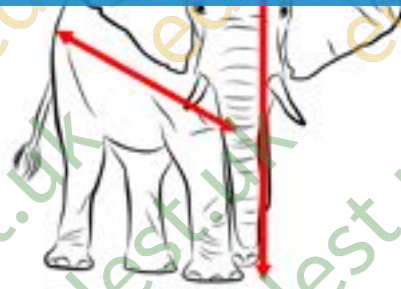
Curriculum relevant materials supporting school trips to the Isle of Wight

Book today with Education Destination and get full access to this and hundreds more quality resources

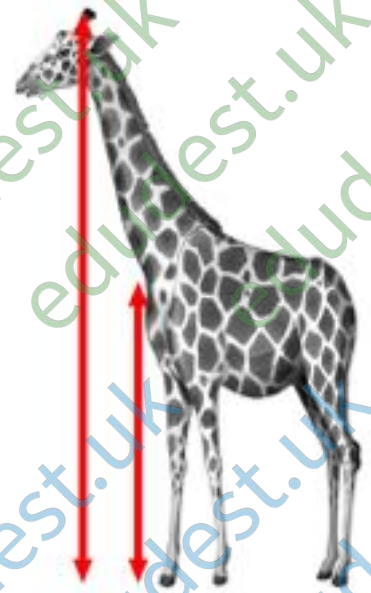
[www.edudest.uk](http://www.edudest.uk)



Height \_\_\_\_\_ metre(s)  
Length \_\_\_\_\_ metre(s)



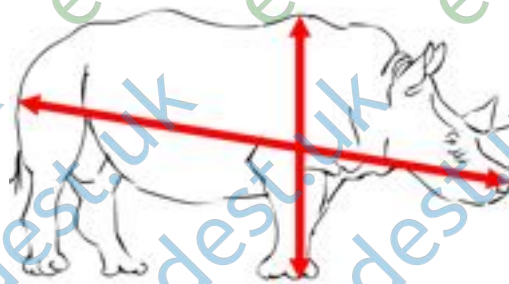
Height \_\_\_\_\_ metre(s)  
Length \_\_\_\_\_ metre(s)



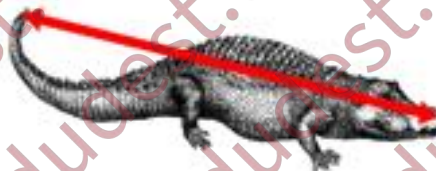
Height \_\_\_\_\_ metre(s)  
Leg height \_\_\_\_\_ metre(s)



Height \_\_\_\_\_ metre(s)  
Length \_\_\_\_\_ metre(s)



Height \_\_\_\_\_ metre(s)  
Length \_\_\_\_\_ metre(s)



Length to tip of tail  
\_\_\_\_\_ metre(s)

Estimate in centimetres (to the nearest 10cm):

### White Rhino

The length of the white rhino's horn \_\_\_\_\_ cm



### African Elephant

The height and width of the elephant's ear

Height \_\_\_\_\_ cm

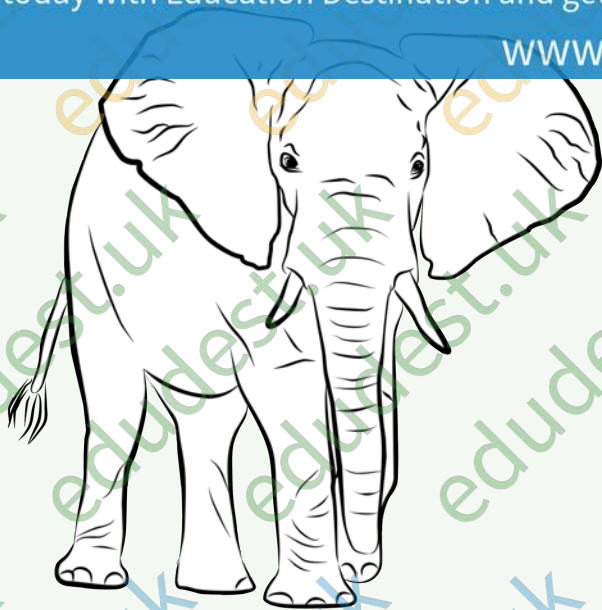
Width \_\_\_\_\_ cm

Teaching resources by Education Destination Ltd.

Curriculum relevant materials supporting school trips to the Isle of Wight

Book today with Education Destination and get full access to this and hundreds more quality resources

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



The area of one elephant's ear \_\_\_\_\_ square cm




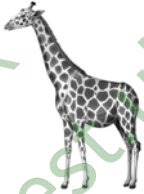


The length of the elephant's tusk \_\_\_\_\_ cm

Circumference of the elephant's leg \_\_\_\_\_ cm

Q.

Which species of animal in the African Adventure do you think is the heaviest?



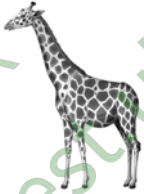


## Post-visit Data Table 1: Height

Animal	Average Height Metres (m)
 <p>Zebra</p>	_____ m
 <p>White Rhino</p>	
 <p>African Elephant</p>	
 <p>Giraffe</p>	
 <p>Ostrich</p>	
 <p>Lion</p>	

### TASK

1. Find out the information and write it in the correct box.
2. Cut out the strips for each animal
3. Arrange them in order, greatest number first
4. Stick them down on a piece of paper in order.

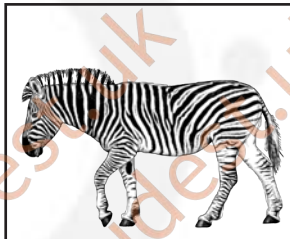
## Post-visit Data Table 2: Weight

Animal	Average Weight Kilograms (kg)
 <p>Zebra</p>	_____ kg
 <p>White Rhino</p>	
<p>Teaching resources by Education Destination Ltd.</p> <p>Curriculum relevant materials supporting school trips to the Isle of Wight</p> <p>Book today with Education Destination and get full access to this and hundreds more quality resources</p> <p><a href="http://www.edudest.uk">www.edudest.uk</a></p>	
 <p>Giraffe</p>	
 <p>Ostrich</p>	
 <p>Lion</p>	

### TASK

1. Find out the information and write it in the correct box.
2. Cut out the strips for each animal.
3. Arrange them in order, greatest number first.
4. Stick them down on a piece of paper in order.

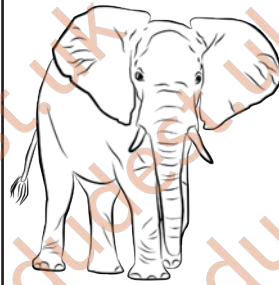
## Sets of Animal Cards



**Zebra**



**Ostrich**



**African Elephant**

Teaching resources by Education Destination Ltd.

Curriculum relevant materials supporting school trips to the Isle of Wight

Book today with Education Destination and get full access to this and hundreds more quality resources

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



**Giraffe**

**White Rhino**

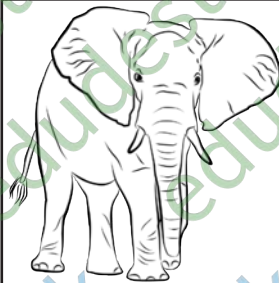
**Lion**



**Zebra**



**Ostrich**



**African Elephant**



**Giraffe**



**White Rhino**



**Lion**





# Animal Measurements

	to cm	to half metre	metre
<b>Adult Zebra</b>	H. 1.55m L. 1.90m	1.5m 2.0m	1m /2m 2m
<b>Giraffe</b>	H. 7.31cm Leg 2.4m	7.5m 2.5m	7m 2m

Teaching resources by Education Destination Ltd.  
 Curriculum relevant materials supporting school trips to the Isle of Wight  
 Book today with Education Destination and get full access to this and hundreds more quality resources

<b>Ostrich</b>	H. 2.25m L. 1.83m	2m 2m	2m 2m
----------------	----------------------	----------	----------

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

<b>Buffalo</b>	H. 1.47m L. 2.26	1.5m 2.5m	1m 2m
----------------	---------------------	--------------	----------

<b>Lioness</b>	H. 1.48m L. 2.26m	1.5m 2.5m	
----------------	----------------------	--------------	--

<b>Gorilla</b>	H. 1.30m L. 1.09m	1.5m 1m	
----------------	----------------------	------------	--

<b>White Rhino</b>	H. 1.53m L. 2.82 m	1.5m 3m	2m 3m
--------------------	-----------------------	------------	----------

**Horn** 0.45m (nearest 10cm: 40/50cm)

<b>Elephant</b>	H. 3.05m L. 4.88m	3m 5m	3m 5m
-----------------	----------------------	----------	----------

<b>Tusk</b>	110cm		
Ear H.	1.7m		
W.	1m		
Area	1.4sq m		