



FLIGHT AND FEATHERS

Activity Stations



Name(s): _____ School: _____

Complete these questions as you move around the different stations.

#1. ALBATROSS PUZZLE - Life Size

Put the puzzle together and measure the...

Length of the right wing =

#2. BLACK BACK GULL – Stuffed Bird Skin

Examine the stuffed gull and measure the wing span (wing tip to wing tip) and compare it to the Albatross wing span.

Albatross wing span =

Black back gull wing span =

Size difference =

#3. WING SHAPE

Look at the bird wings. Use lines to match the bird name and method of flight with the wing number?

WING #	FLIGHT	BIRD
A	Flitter	Sooty Shearwater / Titi
B	Flapper	Sparrow / Tiu
C	Glider	Penguin / Hoiho
D	Swimmer	Shag / Kawau

#4. WIND SPEED

Measure the wind speed three times during your visit and calculate the average speed. (The instruction sheet is in the windmeter box)

Time	Speed
TOTAL	
Average wind speed = Total / 3.	

#5. WING AEROFOIL

What direction does the aerofoil go when the curve is on the bottom?

Up or Down

#6. FEATHERS

Complete the table

Type of feather	Use	Sketch (time permitting)
Contour Feathers		
	Keep the bird warm	
Flight Feathers		

#7. HEARTS

Who has a bigger heart? – A mouse or a sparrow ?

Why? _____

#8. BIRD BONES

Examine the bones, feel their weight.

Which one is the bird bone?

How can you tell? _____

#9. SKULLS

Examine the Black-Backed Gull skull and describe how it is different to a possum skull. (Think about the weight and size)

Answer: _____
