



**TASK 1 : NATURAL SCIENCE AND TECHNOLOGY
INV ESTIGATION
GRADE : 5
TOTAL MARKS 20
DUE DATE : 25 February 2024**

This assessment consists out of 3 pages:

DECLARATION BY LEARNER:

I HEREBY CONFIRM THAT ALL INFORMATION CONTAINED IN THIS DOCUMENT, IS MY ORIGINAL WORK.

SIGNED

DATE

Investigation: **Plants And Animals on Earth; Frame And Shell Structures**

Plants and animals depend on their habitats for resources.

Many birds depend on their environment for the materials needed to build a nest. We are going to look at three types of nests.

Cup Shape Nest:

Some birds choose to build a small cup shape nest. While the shape is like a bowl, the commonly used term is 'cup shape'.



Burrow / Cavity Nest:

Others choose to make a burrow / cavity nest.

Some birds choose to make their cavity in sandbanks or in trees depending on where they live.



Pendant / Sphere Nest:

There are birds that choose to have a hanging nest.

Cup shape nests and pendant / sphere nests are only ever used for one season. The next year the birds will create a brand-new nest.

Over time, the old nests will decay and decompose.

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Examine the images and answer the questions that follow:

Nest A 	Nest B 
Nest C 	

1.1 Identify the type of nest for each of the images:

	Cup Shape Nest, Burrow Nest or Pendant Nest?
Nest A	
Nest B	
Nest C	

(3)

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1.2 For each of the nests, identify one material used to make the nest.

Identify one material used to make the nest:

Nest A

Nest B

Nest C

(3)

Definitions for each of the following terms:

1.3 Frame structure

(2)

1.4 Shell structure

(2)

1.5 Explain how Nest A can be both a frame structure as well as a shell structure.

(4)

1.6 What do the birds use the nests for?

(2)

1.7 In what way would feathers / fluff change the inside of the nest?

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(2)

1.8 Which of the three nest types is at most danger from the weather? Give a reason
for your answer.

(2)

Total: 20 marks