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## Level 2 The shape of eggs helps birds fly well

#### 25th June, 2017

http://www.breakingnewsenglish.com/1706/170625-eggs-2.html

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#### Please try Levels 0, 1 and 3. They are (a little) harder.



### THE READING

From http://www.breakingnewsenglish.com/1706/170625-eggs-2.html

Scientists think they know why birds' eggs are different shapes. Some are round, some are potato-shaped, and others are pointy. Two thousand years ago, Aristotle said flatter eggs had female chicks inside and rounder eggs contained male chicks. But he was wrong. A new study says that the shape of the egg depends on how well the female bird flies. A professor said she noticed that birds have evolved to lay eggs that have different shapes. They are all different in form, "everything from a spherical owl egg to a pointy sandpiper egg".

The professor and her team made a formula for the shape of different eggs. They looked at 50,000 eggs from 1,400 different bird species. They put the shape, length and height of the eggs into a computer. They also looked at how oval the eggs were. The researchers found that the birds with the most-oval-shaped eggs were the best fliers. The professor said: "We were shocked to see that one of the best explanations for egg shape [difference] was flight ability." Hummingbirds laid the most-oval-shaped eggs; owls laid the roundest eggs; and sea birds laid the pointiest eggs.

Sources: http://news.**nationalgeographic.com**/2017/06/bird-eggs-shapes-flight-evolution/ http://news.**xinhuanet.com**/english/2017-06/23/c\_136387440.htm http://www.**popsci.com**/bird-flight-egg-shape#page-2

### **PHRASE MATCHING**

From <u>http://www.breakingnewsenglish.com/1706/170625-eggs-2.html</u>

#### **PARAGRAPH ONE:**

1.	Scientists think they	a.	chicks
2.	birds' eggs are different	b.	male chicks
3.	flatter eggs had female	c.	shapes
4.	rounder eggs contained	d.	evolved
5.	how well the female	e.	know why
6.	birds have	f.	egg
7.	lay	g.	bird flies
8.	a spherical owl	h.	eggs

#### **PARAGRAPH TWO:**

1.	The professor and	a.	species
2.	They looked	b.	the roundest eggs
3.	1,400 different bird	c.	oval the eggs were
4.	the shape, length and height	d.	birds
5.	They also looked at how	e.	explanations
6.	one of the best	f.	her team
7.	owls laid	g.	at 50,000 eggs
8.	sea	h.	of the eggs

### LISTEN AND FILL IN THE GAPS

From http://www.breakingnewsenglish.com/1706/170625-eggs-2.html

Scientists think (1) \_\_\_\_\_\_ birds' eggs are different shapes. Some are round, some are potato-shaped, and others are pointy. Two thousand years ago, Aristotle said (2) \_\_\_\_\_\_ female chicks inside and rounder eggs contained male chicks. But (3) \_\_\_\_\_\_. A new study says that the shape of the egg (4) \_\_\_\_\_\_ well the female bird flies. A professor said she noticed that birds have (5) \_\_\_\_\_\_ eggs that have different shapes. They are all (6) \_\_\_\_\_\_, "everything from a spherical owl egg to a pointy sandpiper egg".

The professor and (7) \_\_\_\_\_\_\_ a formula for the shape of different eggs. They looked at 50,000 eggs from 1,400 different (8) \_\_\_\_\_\_\_. They put the shape, length and height of the eggs into a computer. They also looked (9) \_\_\_\_\_\_\_ the eggs were. The researchers found that the birds with the most-oval-shaped eggs were (10) \_\_\_\_\_\_. The professor said: "We were shocked to see that one of the best explanations for egg shape [difference] was (11) \_\_\_\_\_\_\_." Hummingbirds laid the most-oval-shaped eggs; owls laid the roundest eggs; and (12) \_\_\_\_\_\_\_ the pointiest eggs.

### PUT A SLASH ( / )WHERE THE SPACES ARE

From http://www.breakingnewsenglish.com/1706/170625-eggs-2.html

Scientiststhinktheyknowwhybirds'eggsaredifferentshapes.Somear eround, some are potato-shaped, and others are pointy. Two thousan dyearsago, Aristotlesaidflattereggshadfemalechicksinsideandround ereggscontainedmalechicks.Buthewaswrong.Anewstudysaysthatth eshapeoftheeggdependsonhowwellthefemalebirdflies.Aprofessorsa idshenoticedthatbirdshaveevolvedtolayeggsthathavedifferentshap es.Theyarealldifferentinform,"everythingfromasphericalowleggtoa pointysandpiperegg". The professor and herteam made a formula for th eshapeofdifferenteggs.Theylookedat50,000eggsfrom1,400differen tbirdspecies.Theyputtheshape,lengthandheightoftheeggsintoacom puter.Theyalsolookedathowovaltheeggswere.Theresearchersfound thatthebirdswiththemost-oval-shapedeggswerethebestfliers. Thep rofessorsaid: "Wewereshockedtoseethatoneofthebestexplanationsf oreggshape[difference]wasflightability."Hummingbirdslaidthemost -oval-shapedeggs;owlslaidtheroundesteggs;andseabirdslaidthepo intiesteggs.

### EGGS SURVEY

From http://www.breakingnewsenglish.com/1706/170625-eggs-4.html

Write five GOOD questions about eggs in the table. Do this in pairs. Each student must write the questions on his / her own paper.

When you have finished, interview other students. Write down their answers.

	STUDENT 1	STUDENT 2	STUDENT 3
Q.1.			
Q.2.			
Q.3.			
Q.4.			
Q.5.			

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

### WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student A: Do not show these to your speaking partner(s).

a)	 	
b)		
c)		
d)		
e)		 
f)		 

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### WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student B: Do not show these to your speaking partner(s).

a)	 	 
b)		
c)		
d)		
e)		
f)		

### WRITING

From http://www.breakingnewsenglish.com/1706/170625-eggs-2.html

Write about **eggs** for 10 minutes. Read and talk about your partner's paper.