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Level 4 - 12th September, 2019

Asteroid rock layers reveal how the dinosaurs died

FREE online quizzes, mp3 listening and more for this lesson here:

https://breakingnewsenglish.com/1909/190912-dinosaurs-4.html

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Please try Levels 5 and 6. They are (a little) harder.

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THE READING

Level · 4

From https://breakingnewsenglish.com/1909/190912-dinosaurs-4.html

Scientists have more details of how the dinosaurs died out 65 million years ago. The scientists analyzed rocks in a crater under the seabed off Mexico. The rocks were created from the disastrous impact of a huge asteroid hitting Earth. The rocks' layers show a step-by-step account of what happened after the impact. A scientist said: "It tells us what went on inside the crater on that day of doom that killed the dinosaurs. All of this...is recorded in the [rock]."

The asteroid was up to four kilometers wide. It created a crater 160kms wide and 20kms deep. This started a chain reaction of earthquakes, tsunami, landslides and fires that changed Earth's geology forever. It also killed off the dinosaurs. Molten rock fell into the crater, which was then filled with ocean water. This water was full of soil, vegetation and other debris. It took a few hours to settle in the layers scientists are now analyzing millions of years later.

Sources: https://www.foxnews.com/science/scientists-uncover-new-evidence-of-the-asteroid-that-killed-off-the-dinosaurs

https://gizmodo.com/ancient-rock-reveals-shocking-first-day-after-dinosaur-1837991356

https://www.thesun.co.uk/tech/9894621/apocalyptic-asteroid-dinosaurs-study/

PHRASE MATCHING

From https://breakingnewsenglish.com/1909/190912-dinosaurs-4.html

PARAGRAPH ONE:

- 1. Scientists have more details
- 2. the dinosaurs died out
- 3. in a crater under
- 4. the disastrous impact of a
- 5. a step-by-step
- 6. It tells us what went on
- 7. on that day
- 8. All of this is

- a. inside the crater
- b. of doom
- c. account
- d. recorded
- e. huge asteroid
- f. 65 million years ago
- q. the seabed
- h. of how

PARAGRAPH TWO:

- 1. up to four kilometers
- 2. This started a chain
- 3. changed Earth's
- 4. Molten
- 5. filled
- 6. soil, vegetation and
- 7. the layers scientists are
- 8. millions of

- a. now analyzing
- b. rock
- c. reaction
- d. years later
- e. wide
- f. geology forever
- g. other debris
- h. with ocean water

LISTEN AND FILL IN THE GAPS

 $From \ \ \, \underline{https://breakingnewsenglish.com/1909/190912\text{-}dinosaurs-4.html}$

Scientists have (1)		_ how the d	inosaurs died out 65
million years ago. The sc	cientists (2)		a crater under
the seabed off M	lexico. The	rocks we	re created from
(3)	of a huge aster	oid hitting Ea	orth. The rocks' layers
show a step-by-step acco	ount of what hap	pened (4)	
A scientist said: "It tells	us what (5)		the crater on
that day of doom	that killed th	e dinosaur	s. All of thisis
(6)	_ [rock]."		
The asteroid was up to fo	our kilometers w	ide. It (7)	
160kms wide and 20kms	deep. This star	ted (8)	of
earthquakes, tsunami, la	indslides and fire	es that char	nged Earth's geology
forever. It also (9)		_ dinosaurs.	Molten rock fell into
the crater, which was the	n filled (10)		This water was
full of soil, vegetation (11	.)	It	took a few hours to
settle in the layers scientis	sts are (12)		of years later.

PUT A SLASH (/)WHERE THE SPACES ARE

From https://breakingnewsenglish.com/1909/190912-dinosaurs-4.html

Scientistshavemoredetailsofhowthedinosaursdiedout65millionyear sago. The scientists analyzed rocks in a crater under the seabed off Mexic o.Therockswerecreatedfromthedisastrousimpactofahugeasteroidhi ttingEarth.Therocks'layersshowastep-by-stepaccountofwhathappe nedaftertheimpact. Ascientists aid: "Ittells us what went on inside the cr ateronthatdayofdoomthatkilledthedinosaurs.Allofthis...isrecordedi nthe[rock]."Theasteroidwasuptofourkilometerswide.Itcreatedacrat er160kmswideand20kmsdeep.Thisstartedachainreactionofearthqu akes, tsunami, landslides and firest hatchanged Earth's geology for ever .Italsokilledoffthedinosaurs.Moltenrockfellintothecrater,whichwast henfilledwithoceanwater. This waterwas full of soil, vegetation and othe rdebris. Ittookafewhourstosettleinthelayersscientistsarenowanalyzi ngmillionsofyearslater.

DINOSAURS SURVEY

From https://breakingnewsenglish.com/1909/190912-dinosaurs-4.html

Write five GOOD questions about dinosaurs 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).

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WRITING

 $From \ \ \, \underline{https://breakingnewsenglish.com/1909/190912\text{-}dinosaurs-4.html}$

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