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### **Level 3 - 29th March, 2021**

## Earth safe from asteroid hit for 100 years

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https://breakingnewsenglish.com/2103/210329-nasa.html

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## Please try Levels 0, 1 and 2 (they are easier).

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#### THE ARTICLE

From https://breakingnewsenglish.com/2103/210329-nasa.html

Scientists from NASA have confirmed that asteroids will not be a danger to Earth for the next 100 years. This is good news for anyone who was worrying about the end of the world. NASA has been monitoring an asteroid called Apophis for 17 years. They discovered the 335-metre space rock in 2004. They thought it could be a danger to our planet, so they put it on their list of the most hazardous asteroids that could threaten Earth. The scientists originally said the asteroid could kill over 10 million people if it hit Earth. They predicted it could hit our planet in 2029. They later changed this to 2068. However, their latest prediction is that Earth will be safe from Apophis for the next 100 years.

The scientists used radar to predict the asteroid's orbit around the sun. NASA scientist Marina Brozovic said: "We were able to acquire incredibly precise information about its distance to an accuracy of about 150 meters." She said the giant space rock is currently "a safe distance of 10.6 million miles away from Earth". However, Apophis will come closer in 2029. It will come within 20,000 miles of Earth on April the 13th in that year. Another scientist was glad Apophis is no longer a danger to us. He said: "There's a certain sense of satisfaction to see it removed from the risk list, and we're looking forward to the science we might uncover during its close approach to Earth in 2029."

Sources:

https://www.**theguardian.com**/science/2021/mar/27/much-feared-asteroid-apophis-wont-hit-carth for at least 100 years page says

 $earth\hbox{-} for\hbox{-} at\hbox{-} least\hbox{-} 100\hbox{-} years\hbox{-} nasa\hbox{-} says$ 

https://edition.cnn.com/2021/03/27/world/asteroid-apophis-earth-impact-risk-scn-trnd/index.html https://www.npr.org/2021/03/27/981917655/asteroid-apophis-not-a-risk-to-earth-for-at-least-

100-years-nasa-says

#### **WARM-UPS**

- **1. ASTEROIDS:** Students walk around the class and talk to other students about asteroids. Change partners often and share your findings.
- **2. CHAT:** In pairs / groups, talk about these topics or words from the article. What will the article say about them? What can you say about these words and your life?

scientists / asteroids / good news / space / rock / hazardous / planet / prediction / radar / precise / information / distance / Earth / danger / satisfaction / approach

Have a chat about the topics you liked. Change topics and partners frequently.

- **3. DEFENCE:** Students A **strongly** believe we should spend more money on defending against asteroid strikes; Students B **strongly** believe this is a waste of money. Change partners again and talk about your conversations.
- **4. SPACE:** What do you know about these celestial objects? Complete this table with your partner(s). Change partners often and share what you wrote.

	What I Know	What You Want to Know
The Sun		
The Moon		
Asteroids		
Comets		
Mars		
Black holes		

- **5. EARTH:** Spend one minute writing down all of the different words you associate with the word "Earth". Share your words with your partner(s) and talk about them. Together, put the words into different categories.
- **6. DANGER:** Rank these with your partner. Put the biggest dangers to people at the top at the top. Change partners often and share your rankings.
  - Asteroid strikes
  - Global warming
  - Nuclear war
  - Pandemics

- Overpopulation
- Robots and AI
- Hunger
- Aliens

#### **VOCABULARY MATCHING**

#### Paragraph 1

- confirmed
   Risky or dangerous.
- 2. monitoring b. Become aware of a fact or situation.
- 3. discovered c. Checking something over a period of time.
- 4. list d. A thing that is an estimate of something about the future.
- 5. hazardous e. Said a report or fact is true.
- 6. originally f. A number of connected things or names written or printed one below the other.
- 7. prediction g. At first.

#### Paragraph 2

- 8. orbit h. Get.
- 9. acquire i. How far it is from A to B.
- 10. incredibly j. Happiness
- 11. precise k. Very, very, very.
- 12. distance I. Feeling
- 13. sense m. Accurate.
- 14. satisfaction n. The round path of a space object or spacecraft around a star, planet, or moon.

### **BEFORE READING / LISTENING**

From <a href="https://breakingnewsenglish.com/2103/210329-nasa.html">https://breakingnewsenglish.com/2103/210329-nasa.html</a>

#### 1. TRUE / FALSE: Read the headline. Guess if a-h below are true (T) or false (F).

- a. Scientists said an asteroid will hit Earth in 100 years from now. T / F
- b. Scientists started following an asteroid called Apophos 20 years ago. T / F
- c. The asteroid Apophos is on a hazardous asteroid list. T / F
- d. Scientists once thought Apophos could hit Earth in 2068. T/F
- e. Scientists used radar to track the sun's orbit around the asteroid. T / F
- f. Apophos is now 10.6 million miles from Earth. **T/F**
- g. The asteroid will come as close as 20,000 miles away in 2029. **T / F**
- h. A scientist is not satisfied the asteroid is not on the risk list. T / F

#### **2. SYNONYM MATCH:** (The words in **bold** are from the news article.)

- 1. danger
- 2. monitoring
- 3. threaten
- 4. predicted
- 5. safe
- 6. orbit
- 7. precise
- 8. currently
- 9. sense
- 10. uncover

- a. endanger
- b. feeling
- c. path
- d. watching
- e. find
- f. hazard
- g. presently
- h. forecast
- i. accurate
- i. secure

#### **3. PHRASE MATCH:** (Sometimes more than one choice is possible.)

- 1. worrying about the end
- 2. NASA has been monitoring
- 3. they put it on
- 4. They predicted it could hit
- 5. for the next
- 6. predict the asteroid's orbit
- 7. incredibly precise
- 8. a safe distance of
- 9. a certain sense
- 10. removed from the risk

- a. our planet in 2029
- b. 100 years
- c. list
- d. information
- e. their list
- f. 10.6 million miles away
- g. of the world
- h. of satisfaction
- i. an asteroid
- j. around the sun

## **GAP FILL**

Scientists from NASA have confirmed that asteroids will not be a	rock
(1) to Earth for the next 100 years. This is	hit
good news for anyone who was worrying about the	
(2) of the world. NASA has been monitoring an	danger
asteroid called Apophis for 17 years. They discovered the 335-	end
metre space (3) in 2004. They thought it could	next
be a danger to our planet, so they put it on their	threaten
(4) of the most hazardous asteroids that could	em catem
(5) Earth. The scientists originally said the	later
asteroid could kill over 10 million people if it	list
(6) Earth. They predicted it could hit our	
planet in 2029. They (7) changed this to 2068.	
However, their latest prediction is that Earth will be safe from	
Apophis for the (8) 100 years.	
74popinis for the (6) 100 years.	
The scientists used radar to predict the asteroid's	precise
(9) around the sun. NASA scientist Marina	safe
Brozovic said: "We were able to acquire incredibly	
(10) information about its distance to an	close
accuracy of about 150 meters." She said the	within
(11) space rock is currently "a	giant
(12) distance of 10.6 million miles away from	
Earth". However, Apophis will come closer in 2029. It will come	sense
(13) 20,000 miles of Earth on April the 13th in	orbit
that year. Another scientist was glad Apophis is no longer a	danger
(14) to us. He said: "There's a certain	
(15) of satisfaction to see it removed from the	
risk list, and we're looking forward to the science we might	
uncover during its (16) approach to Earth in	
2029."	

## **LISTENING** — Guess the answers. Listen to check.

1)	Scientists from NASA have confirmed that asteroids will not  a. be a dangers  b. be in danger  c. be endanger  d. be a danger
2)	This is good news for anyone who was worrying  a. about an end b. about then end c. about the end d. about their end
3)	they put it on their list of the most hazardous asteroids that a. could threatens Earth b. could threaten Earth c. could threatened Earth d. could threat on Earth
4)	The scientists originally said the asteroid could kill over  a. 10 million people b. 10 billion people c. 100 millions people d. 100 million people
5)	However, their latest prediction is that Earth will be a. safe for Apophis b. safe of Apophis c. safe far Apophis d. safe from Apophis
6)	The scientists used radar to predict the  a. asteroid's all bit b. asteroid's orbit c. asteroid's or bit d. asteroid's orb it
7)	We were able to acquire incredibly precise information a. about that distance b. about it distance c. about this distance d. about its distance
	Apophis will come closer in 2029. It will come a. within 12,000 miles b. within 2,000 miles c. within 20,000 miles d. within 200,000 miles
9)	Another scientist was glad Apophis is no longer a  a. danger too us b. danger two us c. danger to us d. danger tours
10	removed from the risk list, and we're looking forward to the science
	<ul><li>a. we might on cover</li><li>b. we might not cover</li><li>c. we might uncover</li><li>d. we might in cover</li></ul>

## **LISTENING** – Listen and fill in the gaps

Scientists from NASA have confirmed (1) not be a
danger to Earth for the next 100 years. This is (2)
anyone who was worrying about the end of the world. NASA has been
monitoring (3) Apophis for 17 years. They
discovered the 335-metre space rock in 2004. They thought it could be a
danger to our planet, so they put it (4) of the most
hazardous asteroids that could threaten Earth. The scientists originally said
the asteroid could kill over 10 million people (5)
Earth. They predicted it could hit our planet in 2029. They later changed this
to 2068. However, their (6) that Earth will be safe
from Apophis for the next 100 years.
The scientists used (7) the asteroid's orbit around
the sun. NASA scientist Marina Brozovic said: "We were able to acquire
incredibly precise information about its distance (8)
of about 150 meters." She said the giant space (9)
"a safe distance of 10.6 million miles away from Earth". However, Apophis
will (10) 2029. It will come within 20,000 miles of
Earth on April the 13th in that year. Another scientist was glad Apophis is
(11) danger to us. He said: "There's a certain sense
of satisfaction to see it removed from the risk list, and we're looking forward
to the science we might uncover during its (12)
Earth in 2029."

## **COMPREHENSION QUESTIONS**

From https://breakingnewsenglish.com/2103/210329-nasa.html

1.	What kind of news does the article say there is?
2.	What are some people worrying about?
3.	How big is the asteroid?
4.	How many people did scientists say could die in an asteroid strike?
5.	When did scientists change the date of an asteroid strike to?
6.	What did scientists use to track the asteroid's orbit around the sun?
7.	How accurately can scientists' track the asteroid's path?
8.	How far away is the asteroid from Earth?
9.	When will the asteroid be 20,000 miles from Earth?
10.	How did a scientist feel about the asteroid's removal from a risk list?

## **MULTIPLE CHOICE - QUIZ**

From https://breakingnewsenglish.com/2103/210329-nasa.html

- 1) What kind of news does the article say there is?
- a) brilliant news
- b) space news
- c) good news
- d) sad news
- 2) What are some people worrying about?
- a) the end of the world
- b) asteroids
- c) space
- d) space dust allergies
- 3) How big is the asteroid?
- a) 335 metres
- b) 355 metres
- c) 333 metres
- d) 353 metres
- 4) How many people did scientists say could die in an asteroid strike?
- a) exactly 10 million
- b) over 10 million
- c) around 10 million
- d) just under 10 million
- 5) When did scientists change the date of an asteroid strike to?
- a) 2065
- b) 2066
- c) 2067
- d) 2068

- 6) What did scientists use to track the asteroid's orbit around the sun?
- a) a compass
- b) radar
- c) lasers
- d) maths
- 7) How accurately can scientists' track the asteroid's path?
- a) to within 150 metres
- b) to within 250 metres
- c) to within 350 metres
- d) to within 550 metres
- 8) How far away is the asteroid from Earth?
- a) 10.4 million miles away
- b) 10.2 million miles away
- c) 10.6 million miles away
- d) 10.8 million miles away
- 9) When will the asteroid be 20,000 miles from Earth?
- a) in 2100
- b) in 2099
- c) in 2068
- d) in 2029
- 10) How did a scientist feel about the asteroid's removal from a risk list?
- a) satisfied
- b) sad
- c) angry
- d) confused

#### **ROLE PLAY**

From https://breakingnewsenglish.com/2103/210329-nasa.html

#### Role A – Asteroid Strikes

You think asteroid strikes are the biggest danger to humans. Tell the others three reasons why. Tell them why their things aren't as dangerous. Also, tell the others which is the least dangerous of these (and why): global warming, pandemics or aliens.

#### Role B - Global Warming

You think global warming is the biggest danger to humans. Tell the others three reasons why. Tell them why their things aren't as dangerous. Also, tell the others which is the least dangerous of these (and why): asteroid strikes, pandemics or aliens.

#### Role C - Pandemics

You think pandemics are the biggest danger to humans. Tell the others three reasons why. Tell them why their things aren't as dangerous. Also, tell the others which is the least dangerous of these (and why): global warming, asteroid strikes or aliens.

#### Role D - Aliens

You think aliens are the biggest danger to humans. Tell the others three reasons why. Tell them why their things aren't as dangerous. Also, tell the others which is the least dangerous of these (and why): global warming, pandemics or asteroid strikes.

## AFTER READING / LISTENING

From https://breakingnewsenglish.com/2103/210329-nasa.html

**1. WORD SEARCH:** Look in your dictionary / computer to find collocates, other meanings, information, synonyms ... for the words 'asteroid' and 'Earth'.

asteroid	Earth

- Share your findings with your partners.
- Make questions using the words you found.
- Ask your partner / group your questions.
- **2. ARTICLE QUESTIONS:** Look back at the article and write down some questions you would like to ask the class about the text.
  - Share your questions with other classmates / groups.
  - Ask your partner / group your questions.
- **3. GAP FILL:** In pairs / groups, compare your answers to this exercise. Check your answers. Talk about the words from the activity. Were they new, interesting, worth learning...?
- **4. VOCABULARY:** Circle any words you do not understand. In groups, pool unknown words and use dictionaries to find their meanings.
- **5. TEST EACH OTHER:** Look at the words below. With your partner, try to recall how they were used in the text:

<ul> <li>confirmed</li> </ul>	• orbit
• end	• 150
• 335	• miles
10 million	• 13
• 2068	certain
<ul> <li>latest</li> </ul>	• close

#### **ASTEROIDS SURVEY**

From https://breakingnewsenglish.com/2103/210329-nasa.html

Write five GOOD questions about asteroids 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.

#### **ASTEROIDS DISCUSSION**

STUDENT A's QUESTIONS (Do not show these to student B)

- 1. What did you think when you read the headline?
- 2. What images are in your mind when you hear the word 'asteroid'?
- 3. What do you know about asteroids?
- 4. Why might an asteroid be dangerous?
- 5. What might bring about the end of the world?
- 6. What was the last good news you saw or read about?
- 7. How interested are you in space?
- 8. What would it be like to work for NASA?
- 9. What are your predictions for 2029?
- 10. How safe is our planet?

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### **ASTEROIDS DISCUSSION**

STUDENT B's QUESTIONS (Do not show these to student A)

- 11. Did you like reading this article? Why/not?
- 12. What do you think of when you hear the word 'Earth'?
- 13. What do you think about what you read?
- 14. What do you want to know about asteroids?
- 15. What would happen if an asteroid hit Earth?
- 16. What would you do if you knew an asteroid would hit Earth tomorrow?
- 17. What is an asteroid?
- 18. What three adjectives best describe this story?
- 19. What science might scientists uncover from a passing asteroid?
- 20. What questions would you like to ask the scientists?

## **DISCUSSION** (Write your own questions)

STUDENT A's QUESTIONS (Do not show these to student B)

1.	
2.	
3.	
1.	
5.	
6.	
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	SCUSSION (Write your own questions)
DIS	
DIS	SCUSSION (Write your own questions)
<b>DIS</b> STUD 1.	SCUSSION (Write your own questions)
DIS STUD 1. 2. 3.	SCUSSION (Write your own questions)
DIS STUD 1. 2. 3.	SCUSSION (Write your own questions)
DIS	SCUSSION (Write your own questions)

## **LANGUAGE - CLOZE**

Scie	ntists	from NASA hav	ve (1)	that as	teroids	will not be a	dange	er to Earth foi
the r	next 1	100 years. This	is goo	d news (2)	any	one who was	worry	ying about the
	end of the world. NASA has been (3) an asteroid called Apophis for 17 years							
	Γhey discovered the 335-metre space rock in 2004. They thought it could be a							
dang	jer to	our planet, s	o the	y put it on	their (	(4) of t	he mo	ost hazardous
aste	roids	that could thre	aten E	arth. The sci	entists	originally sai	d the	asteroid could
(5) _	0	ver 10 million	people	if it hit Eart	h. They	y predicted it	could	hit our plane
in 20	)29. <sup>-</sup>	They later char	nged t	his to 2068.	Howev	er, their late	st pre	diction is that
Eartl	n will	be (6) from	n Apo	phis for the n	ext 10	0 years.		
The	scien	tists used rada	r to (	7) the	astero	id's orbit aro	und tl	ne sun. NASA
scier	ntist	Marina Brozov	ic sai	d: "We wei	re able	e to acquire	incre	edibly precise
infor	matic	n about its dis	tance	to an (8)	of a	about 150 me	eters."	She said the
gian	t spac	ce rock is curre	ntly "a	safe (9)	_ of 10	.6 million mile	es awa	y from Earth'
How	ever,	Apophis will c	ome c	closer in 202	9. It v	vill come with	nin 20	,000 miles o
Eartl	n on <i>i</i>	April the 13th i	n (10)	year. A	nother	scientist was	glad	Apophis is no
_		langer to us. H						
		from the risk	=		_		e scie	nce we might
unco	ver d	uring its close a	approa	ch (12)	Earth ii	n 2029."		
Put	the c	orrect words	from t	the table be	low in	the above a	rticle	•
1.	(a)	conformed	(b)	confined	(c)	confirmed	(d)	conferred
2.	(a)	for	(b)	as	(c)	on	(d)	at
3.	(a)	monitoring	(b)	monitors	(c)	monitored	(d)	monitor
4.	(a)	list	(b)	lest	(c)	last	(d)	lest
5.	(a)	die	(b)	kill	(c)	suicide	(d)	murder
6.	(a)	safes	(b)	safely	(c)	safety	(d)	safe
7.	(a)	predictive	(b)	prediction	(c)	predict	(d)	predicts
8.	(a)	acculturate	(b)	accurately	(c)	accurate	(d)	accuracy
9.	(a)	distance	(b)	distant	(c)	far	(d)	travel
10.	(a)	that	(b)	them	(c)	then	(d)	those
11.	(a)	sensor	(b)	sense	(c)	sensory	(d)	cents
12.	(a)	of	(b)	at	(c)	to	(d)	in

#### **SPELLING**

From <a href="https://breakingnewsenglish.com/2103/210329-nasa.html">https://breakingnewsenglish.com/2103/210329-nasa.html</a>

### Paragraph 1

- 1. Scientists from NASA have ncrodfime that
- 2. NASA has been mntionrogi an asteroid
- 3. They seddivrceo the 335-metre space rock
- 4. the most suaohzdra asteroids
- 5. The scientists iolgnarily said
- 6. their latest ritcpioned

### Paragraph 2

- 7. the asteroid's oirtb around the sun
- 8. incredibly sipceer information
- 9. to an cucyacra of about 150 meters
- 10. a safe ictsndae
- 11. a certain sense of tssnfiicaato
- 12. its close apohpacr to Earth in 2029

## **PUT THE TEXT BACK TOGETHER**

From <a href="https://breakingnewsenglish.com/2103/210329-nasa.html">https://breakingnewsenglish.com/2103/210329-nasa.html</a>

#### Number these lines in the correct order.

(	)	monitoring an asteroid called Apophis for 17 years. They discovered the 335-metre space
(	)	2068. However, their latest prediction is that Earth will be safe from Apophis for the next 100 years.
(	)	hazardous asteroids that could threaten Earth. The scientists originally said the asteroid could kill
(	<b>1</b> )	Scientists from NASA have confirmed that asteroids will not be a danger to Earth for the next
(	)	to acquire incredibly precise information about its distance to an accuracy of about 150 meters." She said the giant space rock is currently
(	)	"a safe distance of 10.6 million miles away from Earth". However, Apophis will come
(	)	to the science we might uncover during its close approach to Earth in 2029."
(	)	of satisfaction to see it removed from the risk list, and we're looking forward
(	)	rock in 2004. They thought it could be a danger to our planet, so they put it on their list of the most
(	)	over 10 million people if it hit Earth. They predicted it could hit our planet in 2029. They later changed this to
(	)	100 years. This is good news for anyone who was worrying about the end of the world. NASA has been
(	)	The scientists used radar to predict the asteroid's orbit around the sun. NASA scientist Marina Brozovic said: "We were able
(	)	scientist was glad Apophis is no longer a danger to us. He said: "There's a certain sense
(	)	closer in 2029. It will come within 20,000 miles of Earth on April the 13th in that year. Another

#### PUT THE WORDS IN THE RIGHT ORDER

From https://breakingnewsenglish.com/2103/210329-nasa.html

- 1. to will a danger not Asteroids be Earth .
- 2. the end the worrying world . about Anyone of
- 3. a be could to danger planet . our It
- Earth . most could threaten that The hazardous asteroids
- 5. safe . is will prediction be latest Their Earth
- 6. orbit . Used predict the radar to asteroid's
- 7. precise able information . to were We acquire incredibly
- 8. Apophis glad no He's a is longer danger .
- 9. it . a There's see sense satisfaction of to
- 10. science forward we to Looking the might uncover .

## **CIRCLE THE CORRECT WORD (20 PAIRS)**

From https://breakingnewsenglish.com/2103/210329-nasa.html

Scientists from NASA have *conformed / confirmed* that asteroids will not be a *danger / dangerous* to Earth for the next 100 years. This is good *newsworthy / news* for anyone who was *worrying / worry* about the end of the world. NASA has been monitoring an asteroid called Apophis for 17 years. They *discovery / discovered* the 335-metre space rock in 2004. They thought it could be a danger to our *plant / planet*, so they put it on their *list / last* of the most hazardous asteroids that could *treat / threaten* Earth. The scientists originally said the asteroid could kill over 10 million people if it hit Earth. They predicted it could *hit / hitch* our planet in 2029. They later changed this to 2068. However, their latest prediction is that Earth will be *safely / safe* from Apophis for the next 100 years.

The scientists used *radiate / radar* to predict the asteroid's orbit around the sun. NASA *science / scientist* Marina Brozovic said: "We were able to acquire incredibly precise information about its *distance / distant* to an accuracy of about 150 meters." She said the giant space rock is *currency / currently* "a safe distance of 10.6 million miles away from Earth". However, Apophis will come *closer / closely* in 2029. It will come within 20,000 miles of Earth on April the 13th in *them / that* year. Another scientist was *gladly / glad* Apophis is no longer a danger to us. He said: "There's a *certainly / certain* sense of satisfaction to see it removed from the risk list, and we're looking *forward / for* to the science we might uncover during *its / that's* close approach to Earth in 2029."

Talk about the connection between each pair of words in italics, and why the correct word is correct.

## **INSERT THE VOWELS (a, e, i, o, u)**

From https://breakingnewsenglish.com/2103/210329-nasa.html

Sc\_\_nt\_sts fr\_m N\_S\_ h\_v\_ c\_nf\_rm\_d th\_t \_st\_r\_\_ds w\_II n\_t b\_ \_ d\_ng\_r t\_ \_\_rth f\_r th\_ n\_xt 100 y\_rs. Th\_s \_s g\_\_d n\_ws f\_r \_ny\_n\_ wh\_ w\_s w\_rry\_ng \_b\_t th\_ \_nd \_f th\_ w\_rId. N\_S\_ h\_s b\_\_n m\_n\_t\_r\_ng \_n \_st\_r\_\_d c\_II\_d \_p\_ph\_s f\_r 17 y\_rs. Th\_y d\_sc\_v\_r\_d th\_ 335-m\_tr\_ sp\_c\_ r\_ck \_n 2004. Th\_y th\_ght \_t c\_\_Id b\_ \_ d\_ng\_r t\_ \_r pl\_n\_t, s\_th\_y p\_t \_t \_n th\_\_r l\_st \_f th\_ m\_st h\_z\_rd\_\_s \_st\_r\_\_ds th\_t c\_\_Id thr\_\_t\_n \_\_rth. Th\_ sc\_\_nt\_sts\_r\_g\_n\_IIy s\_\_d th\_ \_st\_r\_d c\_\_Id k\_II \_v\_r 10 m\_II\_n p\_pl\_ \_f \_t h\_t \_\_rth. Th\_y pr\_d\_ct\_d \_t c\_\_Id h\_t \_\_r pl\_n\_t \_n 2029. Th\_y l\_t\_r ch\_ng\_d th\_s t\_\_ 2068. H\_w\_v\_r, th\_\_r l\_t\_st pr\_d\_ct\_\_n \_s th\_t \_\_rth w\_II b\_ s\_f\_ fr\_m \_p\_ph\_s f\_r th\_ n\_xt 100 y\_rs.

Th\_ sc\_\_nt\_sts \_s\_d r\_d\_r t\_ pr\_d\_ct th\_ \_st\_r\_\_d's \_rb\_t \_r\_\_nd th\_ s\_n. N\_S\_ sc\_\_nt\_st M\_r\_n\_ Br\_z\_v\_c s\_\_d: "W\_ w\_r\_ \_bl\_ t\_ \_cq\_\_r\_ \_ncr\_d\_bly pr\_c\_s\_ \_nf\_rm\_t\_n \_b\_\_t \_ts d\_st\_nc\_ t\_ \_n \_cc\_r\_cy \_f \_b\_\_t 150 m\_t\_rs." Sh\_ s\_\_d th\_ g\_\_nt sp\_c\_ r\_ck \_s c\_rr\_ntly "\_ s\_f\_ d\_st\_nc\_ \_f 10.6 m\_ll\_n m\_ls \_w\_y fr\_m \_\_rth". H\_w\_v\_r, \_p\_ph\_s w\_ll c\_m\_ cl\_s\_r \_n 2029. \_t w\_ll c\_m\_ w\_th\_n 20,000 m\_ls \_f \_\_rth \_n \_pr\_l th\_ 13th \_n th\_t y\_\_r. \_n\_th\_r sc\_\_nt\_st w\_s gl\_d \_p\_ph\_s \_s n\_ l\_ng\_r \_ d\_ng\_r t\_ \_s. H\_ s\_\_d: "Th\_r\_'s \_ c\_rt\_n s\_ns\_ \_f s\_t\_sf\_ct\_\_n t\_ s\_\_ t r\_m\_v\_d fr\_m th\_ r\_sk l\_st, \_nd w\_'r\_ l\_\_k\_ng f\_rw\_rd t\_ th\_ sc\_\_nc\_ w\_ m\_ght \_nc\_v\_r d\_r\_ng \_ts cl\_s\_ \_ppr\_\_ch t\_ \_rth\_ n 2029."

PUNCTUATE THE TEXT AND ADD CAPITALS

From https://breakingnewsenglish.com/2103/210329-nasa.html

scientists from nasa have confirmed that asteroids will not be a danger to

earth for the next 100 years this is good news for anyone who was worrying

about the end of the world nasa has been monitoring an asteroid called

apophis for 17 years they discovered the 335metre space rock in 2004 they

thought it could be a danger to our planet so they put it on their list of the

most hazardous asteroids that could threaten earth the scientists originally

said the asteroid could kill over 10 million people if it hit earth they predicted

it could hit our planet in 2029 they later changed this to 2068 however their

latest prediction is that earth will be safe from apophis for the next 100

years

the scientists used radar to predict the asteroids orbit around the sun nasa

scientist marina brozovic said we were able to acquire incredibly precise

information about its distance to an accuracy of about 150 meters she said

the giant space rock is currently a safe distance of 106 million miles away

from earth however apophis will come closer in 2029 it will come within

20000 miles of earth on april the 13th in that year another scientist was glad

apophis is no longer a danger to us he said theres a certain sense of

satisfaction to see it removed from the risk list and were looking forward to

the science we might uncover during its close approach to earth in 2029

Level 3 Earth safe from asteroid hit for 100 years – 29th March, 2021

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

From https://breakingnewsenglish.com/2103/210329-nasa.html

ScientistsfromNASAhaveconfirmedthatasteroidswillnotbeadangert oEarthforthenext100years.Thisisgoodnewsforanyonewhowasworry ingabouttheendoftheworld.NASAhasbeenmonitoringanasteroidcall edApophisfor17years.Theydiscoveredthe335-metrespacerockin2 004. They thought it could be a danger to our planet, so they put it on their li stofthemosthazardousasteroidsthatcouldthreatenEarth.Thescientis tsoriginallysaidtheasteroidcouldkillover10millionpeopleifithitEarth. Theypredicteditcouldhitourplanetin2029. Theylaterchanged this to 20 68. However, their latest prediction is that Earthwill be safe from Apophis forthenext100years. The scientists used radar to predict the asteroid's o rbitaroundthesun.NASAscientistMarinaBrozovicsaid:"Wewereablet oacquireincrediblypreciseinformationaboutitsdistancetoanaccuracy ofabout150meters. "Shesaidthegiantspacerockiscurrently" as a fedist anceof10.6millionmilesawayfromEarth". However, Apophiswillcome closer in 2029. It will come within 20,000 miles of Earth on April the 13 thin a compared to the compared tothatyear. Anothers cientist was glad Apophisis no longer adanger to us. H esaid: "There's acertain sense of satisfaction to see it removed from the ri sklist, and we're looking forward to the science we might uncover during i tscloseapproachtoEarthin2029."

## **FREE WRITING**

Write about <b>asteroids</b> for 10 minutes. Comment on your partner's paper.			

## **ACADEMIC WRITING**

We should	spend more	money on	defending	Earth from a	steroids. Dis	cuss.

#### **HOMEWORK**

- **1. VOCABULARY EXTENSION:** Choose several of the words from the text. Use a dictionary or Google's search field (or another search engine) to build up more associations / collocations of each word.
- **2. INTERNET:** Search the Internet and find out more about this news story. Share what you discover with your partner(s) in the next lesson.
- **3. ASTEROIDS:** Make a poster about asteroids. Show your work to your classmates in the next lesson. Did you all have similar things?
- **4. ASTEROID DEFENCE:** Write a magazine article about spending more money on asteroid defence. Include imaginary interviews with people who are for and against this.

Read what you wrote to your classmates in the next lesson. Write down any new words and expressions you hear from your partner(s).

- **5. WHAT HAPPENED NEXT?** Write a newspaper article about the next stage in this news story. Read what you wrote to your classmates in the next lesson. Give each other feedback on your articles.
- **6. LETTER:** Write a letter to an expert on asteroids. Ask him/her three questions about them. Give him/her three of your opinions on asteroids. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

#### **ANSWERS**

#### **VOCABULARY (p.4)**

1. 2. С 3. b 4. f 5. а 6. 7. g 8. 9. h 10. k 11. m 12. i 13. 1 14. n

#### TRUE / FALSE (p.5)

a F b F c T d T e F f T g T h F

#### **SYNONYM MATCH (p.5)**

1. f	2. d	3. a	4. h	5. j
6. c	7. i	8. g	9. b	10. e

#### **COMPREHENSION QUESTIONS (p.9)**

#### WORDS IN THE RIGHT ORDER (p.19)

1.	Good news	1.	Asteroids will not be a danger to Earth.
2.	The end of the world	2.	Anyone worrying about the end of the world.
3.	335 metres	3.	It could be a danger to our planet.
4.	Over 10 million	4.	The most hazardous asteroids that could threaten Earth.
5.	2068	5.	Their latest prediction is Earth will be safe.
6.	Radar	6.	Used radar to predict the asteroid's orbit.
7.	To within 150 metres	7.	We were able to acquire incredibly precise information.

10.6 million miles away
 He's glad Apophis is no longer a danger
 In 2029
 There's a sense of satisfaction to see it.
 Satisfied
 Looking forward to the science we might uncover.

#### **MULTIPLE CHOICE - QUIZ (p.10)**

1. c 2. a 3. a 4. b 5. d 6. b 7. a 8. c 9. d 10. a

#### **ALL OTHER EXERCISES**

Please check for yourself by looking at the Article on page 2. (It's good for your English ;-)