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Level 5 – 8th April 2024 Rockets and planes chase the solar eclipse

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https://breakingnewsenglish.com/2404/240408-solar-eclipse-5.html

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Please try Levels 4 and 6. They are (a little) harder.

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THE READING

From https://breakingnewsenglish.com/2404/240408-solar-eclipse-5.html

Pilots chased a solar eclipse on Monday. This happened while millions of people in North America gazed into the sky to glimpse a rare celestial event - a total eclipse of the sun. The sun, moon and Earth aligned to block the view of the sun. NASA sent high-altitude WB-57 planes with special sensors and instruments to gather information from the solar event. Pilots flew 15,240 meters high to get a view of the corona – the sun's outer surface. NASA also fired rockets into Earth's upper atmosphere, known as the ionosphere, to try to find out about some of the sun's mysteries.

A total solar eclipse happens when the moon blocks the sun. This celestial event momentarily turns day to night. Totality means the sun's corona is a million times dimmer than the sun. This makes it easier for scientists to study the sun. A solar astrophysicist explained that: "Total solar eclipses let us study and see the corona in ways that just would not be possible at any other time." Solar eclipses often have confusing effects in nature. They briefly wake up nocturnal animals, and make birds and insects fall silent. Motorists should also slow down as visibility can change.

Sources: https://edition.**cnn.com**/2024/04/06/world/total-solar-eclipse-science-newsletter-wt-scn/index.html https://www.**usatoday.com**/story/news/nation/2024/04/06/april-total-solar-eclipse-2024-monday-time-path-glasses/73192667007/ https://www.**pbs.org**/newshour/science/why-these-scientists-fly-all-over-the-world-to-study-the-suns-corona-during-total-solar-eclipses

PHRASE MATCHING

From https://breakingnewsenglish.com/2404/240408-solar-eclipse-5.html

PARAGRAPH ONE:

Pilots chased
glimpse a rare
The sun, moon and Earth
high gather
get a view
Earth's upper
find out about some of the sun's

PARAGRAPH TWO:

- 1. celestial
- 2. momentarily turns
- 3. the sun's corona is a
- 4. a solar
- 5. They briefly wake up nocturnal
- 6. make birds and insects fall
- 7. Motorists
- 8. visibility can

- a. atmosphere
- b. altitude WB-57 planes
- c. mysteries
- d. celestial event
- e. a solar eclipse
- f. aligned
- g. of the corona
- h. information

- a. silent
- b. astrophysicist
- c. change
- d. million times dimmer
- e. should also slow down
- f. event
- g. animals
- h. day to night

LISTEN AND FILL IN THE GAPS

From https://breakingnewsenglish.com/2404/240408-solar-eclipse-5.html

solar eclipse on Monday. This happened while millions of people in North America (2) sky to glimpse a rare celestial event - a total eclipse of the sun. The sun, moon and Earth (3) _____ the view of the sun. NASA sent high-altitude WB-57 planes (4) and instruments to gather information from the solar event. Pilots flew 15,240 meters high to (5) _____ of the corona - the sun's outer surface. NASA also fired rockets into Earth's upper atmosphere, known as the ionosphere, to try to find out about some of (6) A total solar eclipse happens when (7) ______ the sun. This celestial event (8) _____ to night. sun's corona Totality the is a million means (9) the sun. This makes it easier for scientists to study the sun. A solar astrophysicist explained that: "Total solar eclipses let us study and see the corona in ways that just would not (10) _____ any other time." Solar eclipses often have (11) _____ nature. They briefly wake up nocturnal animals, and make birds and insects fall silent. Motorists should also slow down as (12)

4

PUT A SLASH (/) WHERE THE SPACES ARE

From https://breakingnewsenglish.com/2404/240408-solar-eclipse-5.html

PilotschasedasolareclipseonMonday.Thishappenedwhilemillionsofp eopleinNorthAmericagazedintotheskytoglimpseararecelestialevent -atotaleclipseofthesun.Thesun,moonandEarthalignedtoblockthev iewofthesun.NASAsenthigh-altitudeWB-57planeswithspecialsensor sandinstrumentstogatherinformationfromthesolarevent.Pilotsflew1 5,240 metershightogetaview of the corona-the sun's outer surface. NA SAalsofiredrocketsintoEarth'supperatmosphere, known as the ion osp here,totrytofindoutaboutsomeofthesun'smysteries.Atotalsolareclip sehappenswhenthemoonblocksthesun.Thiscelestialeventmomenta rilyturnsdaytonight.Totalitymeansthesun'scoronaisamilliontimesdi mmerthanthesun. This makes iteasier for scientist stost udy the sun. As o larastrophysicistexplainedthat: "Totalsolareclipsesletusstudyandse ethecoronainwaysthatjustwouldnotbepossibleatanyothertime."Sol areclipsesoftenhaveconfusingeffectsinnature. They briefly wakeup no cturnalanimals, and make birds and insects falls ilent. Motorists should a lsoslowdownasvisibilitycanchange.

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ECLIPSES SURVEY

From <u>https://breakingnewsenglish.com/2404/240408-solar-eclipse-4.html</u>

Write five GOOD questions about eclipses 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)		

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WRITING

From https://breakingnewsenglish.com/2404/240408-solar-eclipse-5.html

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