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Level 5 – 24th March 2025

World's largest digital camera installed in Chile

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<https://breakingnewsenglish.com/2503/250324-digital-camera-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/2503/250324-digital-camera-5.html>

The world's biggest ever digital camera is being tested in an observatory in Chile. The Large Synoptic Survey Telescope camera was made in the USA. It was installed in the Vera C. Rubin Observatory earlier this week. Astronomers will now start testing it. They will observe the southern hemisphere skies over the next decade. A U.S. government department commented on how important the telescope was. It called the imager "a triumph of science and engineering". It added: "We look forward to seeing the unprecedented images this camera will produce."

The camera is the size of a car and weighs 2,721 kg. It has a huge 3-billion-pixel sensor. Today's top-of-the-range smartphone cameras have just 200 million pixels. Astronomers will scan the sky to take time-lapse images. The lead researcher said: "We're going to make a colour movie of the entire Southern Hemisphere sky." He hopes to capture images that will shed light on how galaxies formed. His team will also investigate dark matter – the invisible substance that makes up a significant portion of the universe. In addition, the camera will map our Milky Way galaxy.

Sources: <https://www.space.com/space-exploration/tech/worlds-largest-digital-camera-to-help-new-vera-rubin-observatory-make-a-time-lapse-record-of-the-universe-photos>
<https://www.msn.com/en-au/news/other/world-s-biggest-digital-camera-installed-in-chile-to-explore-universe/ar-AA1B5tWV>
<https://interestingengineering.com/photo-story/rubin-observatorys-3200-megapixel-lsst-camera>

PHRASE MATCHING

From <https://breakingnewsenglish.com/2503/250324-digital-camera-5.html>

PARAGRAPH ONE:

- | | |
|-------------------------------|----------------------|
| 1. being tested | a. the telescope was |
| 2. earlier | b. start testing it |
| 3. Astronomers will now | c. images |
| 4. observe the southern | d. in an observatory |
| 5. over the next | e. of science |
| 6. commented on how important | f. this week |
| 7. a triumph | g. decade |
| 8. seeing the unprecedented | h. hemisphere |

PARAGRAPH TWO:

- | | |
|-----------------------------|------------------------|
| 1. The camera is the | a. Southern Hemisphere |
| 2. a huge 3-billion-pixel | b. smartphone cameras |
| 3. Today's top-of-the-range | c. lapse images |
| 4. Astronomers will | d. how galaxies formed |
| 5. take time- | e. sensor |
| 6. the entire | f. scan the sky |
| 7. shed light on | g. our Milky Way |
| 8. the camera will map | h. size of a car |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/2503/250324-digital-camera-5.html>

The world's biggest ever digital camera
(1) _____ in an observatory in Chile. The
Large Synoptic Survey Telescope camera was made in the USA. It
was (2) _____ Vera C. Rubin Observatory
earlier this week. Astronomers will now start testing it. They will
(3) _____ hemisphere skies over the next
decade. A U.S. government department
(4) _____ important the telescope was. It
called the imager "a (5) _____ and
engineering". It added: "We look forward to seeing
(6) _____ this camera will produce."

The camera is the size of a (7) _____ 2,721
kg. It has a huge 3-billion-pixel sensor. Today's
(8) _____ smartphone cameras have just 200
million pixels. Astronomers will (9) _____ to
take time-lapse images. The lead researcher said: "We're going to
make a colour movie of the entire Southern Hemisphere sky." He
hopes to capture images that will (10) _____
how galaxies formed. His team will also investigate dark matter –
the invisible substance that makes up
(11) _____ of the universe. In addition, the
camera will (12) _____ Way galaxy.

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2503/250324-digital-camera-5.html>

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DIGITAL CAMERAS SURVEY

From <https://breakingnewsenglish.com/2503/250324-digital-camera-4.html>

Write five GOOD questions about digital cameras 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 <https://breakingnewsenglish.com/2503/250324-digital-camera-5.html>

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