



NASA might not have enough money for \$2 billion Chandra Space Telescope

Description

The Chandra X-Ray Observatory, a space telescope launched by NASA in 1999, might have to stop its work soon. The space telescope uses X-rays to look at the universe. It has helped people learn a lot about space, things that other telescopes couldn't see. But, the telescope is getting old and can sometimes get too hot.

For the past few years, NASA has not had enough money to support all its projects. So, if the government agrees with new budget plans, the money for the Chandra telescope will be cut. This means that we won't be able to use it to see space anymore.

At the moment, the telescope gets around \$70 million every year. But in 2025 the money might be cut to \$41 million. Then, a year later, to \$26.6 million. In 2029, the money might drop to \$5 million.

Scientists around the world, who love the telescope, hope that the government will change its mind. But, for now, the Chandra X-Ray Observatory's future looks uncertain.

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Vocabulary List:

1. **Observatory** // (noun): A building or place equipped and used for making observations of astronomical, meteorological or other natural phenomena.
2. **Telescope** // (noun): An optical instrument designed to make distant objects appear nearer, containing an arrangement of lenses or curved mirrors and lenses.
3. **X-Ray** // (noun): A form of electromagnetic radiation.
4. **Budget** // (noun): An estimate of income and expenditure for a set period of time.
5. **Uncertain** // (adjective): Not able to be relied on, not known or definite.
6. **Support** // (verb): Give assistance or encouragement to.

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. What type of situation requires immediate action to prevent harm?

- Option: Positive
- Option: Emergency ready
- Option: Special
- Option: Protected

2. Which term refers to the introduction of new ideas or methods?

- Option: Research
- Option: Innovation
- Option: Closed down
- Option: Economy

3. What instrument is used to observe distant objects?

- Option: Observatory
- Option: Telescope
- Option: X-Ray
- Option: Budget

4. What word describes a situation that is not definite or decided?

- Option: Drastically
- Option: Harnessing
- Option: Potentially
- Option: Uncertain



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5. Which term signifies advancement or improvement?
Option: Support
Option: Progress
Option: Observatory
Option: Economy
6. What is financial assistance provided for a specific purpose?
Option: Campus
Option: Grant
Option: Shipments
Option: Firms
7. Which term refers to the extreme limit of understanding or achievement in a particular area?
Option: Industries
Option: District
Option: Frontier
Option: Firms
8. Who is typically a person who has authority over others in a workplace?
Option: Climate change
Option: Revolution
Option: Boss
Option: Pathways
9. Which term refers to an area defined for a particular purpose or organization?
Option: Industry
Option: District
Option: Support
Option: Campus
10. A sudden complete or marked change. This term is known as:
Option: Progress
Option: Innovation
Option: Revolution
Option: Observatory

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. _____ play a vital role in the economic development of a country.
12. _____ is a significant environmental challenge we face today.



13. The rapid advancement of _____ has transformed various sectors.
14. _____ is crucial for discovering new knowledge and innovations.
15. Effective financial planning requires a well-defined _____.
16. The company experienced delays in its international _____ due to customs issues.
17. Global factors often influence the stability of the _____.
18. Companies that prioritize _____ are more likely to stay competitive.
19. Track your achievements to monitor your personal _____.
20. In times of need it's essential to seek emotional and practical _____.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. Exploring different can lead to new opportunities and insights.
22. The company had to reduce its workforce to cut costs.
23. renewable energy sources is essential for a sustainable future.
24. Astronomers use the to study celestial objects.
25. Maintaining a attitude can improve overall well-being.
26. Celebrating achievements with a event made the occasion memorable.
27. Endangered species should be to ensure their survival.
28. in the tech sector are known for their innovative products.
29. The local bookstore due to declining sales.
30. Exploring the of science can lead to groundbreaking discoveries.

Answer

- Multiple Choice:** 1. Emergency ready 2. Innovation 3. Telescope 4. Uncertain 5. Progress 6. Grant 7. Frontier 8. Boss



9. District 10. Revolution

Gap-Fill: 11. Industries 12. Climate change 13. Technology 14. Research 15. Budget 16. Shipments 17. Economy 18. Innovation 19. Progress 20. Support

Matching sentence: 1. Pathways 2. Drastically 3. Harnessing 4. Observatory 5. Positive 6. Special 7. Protected 8. Firms 9. Closed down 10. Frontier

CATEGORY

1. Sci/Tech - LEVEL1

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