



Big asteroid predicted to pass Earth harmlessly on Monday

Description

The night skies will soon offer a unique spectacle as the large asteroid 2013 NK4 is set to dash past Earth, according to NASA. On 15th April 2024, this striking celestial body is expected to streak past Earth at a safe distance, more than eight times the moon's range.

This asteroid, about 2,000 feet in diameter, is of special interest due to its considerable size which is almost twice as large as Apophis, another well-known asteroid. Unlike Apophis, which will come frighteningly close to our planet in 2029, 2013 NK4 will remain at a more comfortable distance, ensuring a remarkable but entirely safe spectacle.

The asteroid was first discovered in 2013 and it orbits the sun every 378 days. Its elliptical path takes it beyond Mars and swoops in between the orbits of Venus and Mercury. At its peak speed, the asteroid will zoom past Earth at an astounding 36,909 mph.

Amateur astronomers will have a rare opportunity to see this asteroid in action. Those with a small telescope will be able to witness this huge space rock traverse the vast cosmos from the comfort of their own backyards. The sight will be even more mesmerizing on the nights of April 16 and 17.

NASA is planning to learn more about this fascinating celestial body. Between April 13-19, astronomers will use the 230-foot DSS-14 Goldstone radar antenna in California for the study.

The upcoming celestial event is a gentle reminder of the boundless wonders the universe has to offer. Both professional and hobbyist astronomers are looking forward to this fascinating encounter with asteroid 2013 NK4. The event serves as a reminder of the intricate cosmic dance that occurs in the universe that we are still just beginning to understand.

Note: Keep your focus on the night sky on April 16 and 17 to ensure you don't miss this extraordinary space spectacle.

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Vocabulary List:

1. **Spectacle** // (noun): A visually striking performance or display.
2. **Celestial** // (adjective): Relating to the sky or the heavens.
3. **Asteroid** // (noun): A small rocky body orbiting the sun.
4. **Distance** // (noun): The amount of space between two points.
5. **Amateur** // (noun): A person who engages in a pursuit for pleasure rather than financial reward.
6. **Elliptical** // (adjective): In the shape of an ellipse oval.

Vocabulary quizzes

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

1. What is the term for the act of calling off an event or reservation?

- Option: Refund
- Option: Transparency
- Option: Cancellation
- Option: Reassurance

2. Which word means existing in large quantities?

- Option: Vegetarian
- Option: Abundant
- Option: Substantial
- Option: Elastomer

3. What term is used to describe objects related to the sky or outer space?



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- Option: Composition
Option: Crucial
Option: Celestial
Option: Etiquette
4. In terms of space what does the term "distance" refer to?
Option: Amateur
Option: Elliptical
Option: Kombat
Option: Distance
5. Which term refers to the resistance of a fluid to flow?
Option: Metafluid
Option: Viscosity
Option: Elastomer
Option: Asteroid
6. What word means of considerable importance size or worth?
Option: Vegetarian
Option: Substantial
Option: Debate
Option: Rumors
7. What is the process of giving someone their money back after cancellation or return?
Option: Reassurance
Option: Humiliation
Option: Reimbursement
Option: Surprises
8. What term describes a character whose gender has been changed from the original?
Option: Kombat
Option: DLC
Option: Gender-swapped
Option: Surprises
9. What word is commonly used to describe unauthorized release of information?
Option: Vertebrate
Option: Humiliation
Option: Spectacle
Option: Leak
10. Who are scientists that study celestial objects such as stars planets and galaxies?
Option: Accreted



- Option: Astronomers
- Option: Composition
- Option: Crucial

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

11. If a product is returned the customer may receive a _____.
12. Businesses often strive for _____ in their operations to build trust with consumers.
13. Good communication is _____ in maintaining healthy relationships.
14. Being publicly embarrassed can lead to feelings of _____.
15. Life is full of unexpected _____ both good and bad.
16. Interest on a loan is _____ over time.
17. The _____ of a painting can greatly affect its overall impact.
18. Someone who does not eat meat may be described as a _____.
19. A healthy _____ can lead to new perspectives and understanding.
20. Understanding social _____ is important for navigating various situations gracefully.

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

21. Rubber is an example of a material classified as an due to its elasticity and resilience.
22. The grand fireworks display was a dazzling that left the audience in awe.
23. An is a rocky body that orbits the Sun often found in the asteroid belt between Mars and Jupiter.
24. An photographer captured stunning images of the night sky.
25. Many galaxies have an shape rather than being perfectly round.
26. Scientists are researching the properties of that exhibit unique flow behaviors.
27. Players engage in intense virtual battles in the game .



28. Many gamers eagerly await new downloadable content known as to enhance their gaming experience.

29. Celebrity gossip columns are often filled with juicy about famous personalities.

30. The doctor took the time to the patient that the surgery would go smoothly.

Answer

Multiple Choice: 1. Cancellation 2. Abundant 3. Celestial 4. Distance 5. Viscosity 6. Substantial
7. Reimbursement 8. Gender-swapped 9. Leak 10. Astronomers

Gap-Fill: 11. Refund 12. Transparency 13. Crucial 14. Humiliation 15. Surprises 16. Accrued 17. Composition
18. Vegetarian 19. Debate 20. Etiquette

Matching sentence: 1. Elastomer 2. Spectacle 3. Asteroid 4. Amateur 5. Elliptical 6. Metafluid 7. Kombat 8.
DLC 9. Rumors 10. Reassure

CATEGORY

1. Sci/Tech - LEVEL5

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