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# Don't Miss 2024's Stunning Meteor Shower: Viewing Tips Inside!

## Description

This coming weekend, you can see one of the best meteor showers of 2024.

It is called the [Geminid meteor shower](#). It will be at its best on the night of December 13-14.

## The Geminids in 2024

This year, the weather will be cold, and the Moon will be bright. The Moon will be almost full during the shower.

The Geminids will reach their peak at 3:00 Universal Time on December 14. In the U.S., this is 10:00 PM on December 13. You could see up to 120 meteors each hour!

The best places to watch are in western Europe and North America. Look toward the constellation Gemini. The bright star Castor will help you find it.

 gemini constellation  
gemini constellation type unknown

Constellation Gemini with stars Castor and Pollux. ([Till Credner/Wikimedia commons/CC-BY-3.0/ScienceAlert](#))

Enjoy the Geminids and happy sky-watching!

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## Vocabulary List:

1. **Meteor** /'mi:ti.ɔ:r/ (noun): A small body of matter from outer space that enters the Earth's atmosphere.
2. **Shower** /'ʃəʊ.ər/ (noun): A brief period of rain or in this context a specific event when meteors are observed.
3. **Peak** /pi:k/ (noun): The highest point or maximum intensity of an event.
4. **Constellation** /,kɒn.stə'leɪ.ʃən/ (noun): A group of stars forming a recognizable pattern.
5. **Bright** /braɪt/ (adjective): Giving off or reflecting a lot of light; vivid.
6. **Observe** /əb'zɜ:rv/ (verb): To watch carefully and attentively.

## Comprehension Questions



### Multiple Choice

1. When is the Geminid meteor shower expected to be at its best in 2024?  
Option: December 13-14  
Option: December 25-26  
Option: November 30-December 1  
Option: January 1-2
2. Where are the best places to watch the Geminids in 2024?  
Option: Western Asia and South America  
Option: Eastern Europe and Africa  
Option: Western Europe and North America  
Option: Australia and Antarctica
3. At what time will the Geminids reach their peak in Universal Time on December 14?  
Option: 3:00 AM  
Option: 6:00 PM  
Option: 12:00 PM  
Option: 9:00 PM
4. How many meteors could be seen each hour during the Geminid meteor shower?  
Option: 50 meteors  
Option: 75 meteors  
Option: 100 meteors  
Option: 120 meteors
5. Which constellation should you look towards to view the Geminids?  
Option: Virgo  
Option: Scorpius  
Option: Gemini  
Option: Pisces
6. What will help you locate the constellation Gemini during the meteor shower?  
Option: Bright star Vega  
Option: Bright star Castor  
Option: Bright star Sirius  
Option: Bright star Procyon



### True-False

7. The Moon will not be bright during the Geminid meteor shower in 2024.
8. The Geminids are best seen in Eastern Asia.
9. The Geminids will peak at around 10:00 PM on December 14 in the U.S.
10. The Geminid meteor shower is named after the constellation Gemini.
11. Watching the Geminid meteor shower is recommended from Australia.
12. The Geminids are expected to reach their peak on December 15 in 2024.

### Gap-Fill

13. The Geminids will reach their peak at 3:00 Universal Time on December \_\_\_\_\_.
15. The best places to watch the Geminids are in western Europe and North \_\_\_\_\_.
16. Look toward the constellation \_\_\_\_\_ to see the Geminid meteor shower.
18. The Geminid meteor shower is expected to provide a spectacular display with up to 120 meteors per \_\_\_\_\_.

### Answer

**Multiple Choice:** 1. December 13-14 2. Western Europe and North America 3. 3:00 AM 4. 120 meteors 5. Gemini 6. Bright star Castor

**True-False:** 7. False 8. False 9. True 10. True 11. False 12. False

**Gap-Fill:** 13. 14 15. America 16. Gemini 18. hour

### Vocabulary quizzes

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



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1. Which scientific theory explains the gradual changes in organisms over time?  
Option: Natural Selection  
Option: Complexity Theory  
Option: Specialization  
Option: Mass Interaction
  2. Who are individuals seeking medical treatment from healthcare providers known as?  
Option: Normal People  
Option: Specialized Clients  
Option: Test Subjects  
Option: Patients
  3. What term is used to describe a collection of stars planets and other celestial bodies?  
Option: Meteor  
Option: Constellation  
Option: Galaxy  
Option: Nebula
  4. Which ancient human species is known to have coexisted with early modern humans?  
Option: Researchers  
Option: Neanderthals  
Option: Specialists  
Option: Fossils
  5. What activity involves acquiring knowledge or understanding through research and analysis?  
Option: Discover  
Option: Change  
Option: Improve  
Option: Study
  6. What term refers to the highest point or maximum value of something?  
Option: Peak  
Option: Bright  
Option: Normal  
Option: Count
  7. What process involves investigating a subject to establish facts and reach new conclusions?  
Option: Collected  
Option: Formation  
Option: Mass  
Option: Research



8. What term describes ideas and concepts rather than specific objects or events?

- Option: Abstract
- Option: Special
- Option: Observe
- Option: Test

9. What event involves a large number of meteors entering Earth's atmosphere at the same time?

- Option: Mass Interaction
- Option: Meteor Shower
- Option: Interstellar Formation
- Option: Galactic Interaction

10. What term describes being highly skilled or trained in a specific field?

- Option: Discovery
- Option: Specialized
- Option: Intriguing
- Option: Complexity

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

11. \_\_\_\_\_ is the process through which organisms better adapted to their environment tend to survive and produce more offspring.

12. Organisms undergo \_\_\_\_\_ over time in response to environmental factors.

13. Scientists conduct experiments to \_\_\_\_\_ hypotheses and theories.

14. It is vital to accurately \_\_\_\_\_ the number of subjects in a research study.

15. Studying the behavior of \_\_\_\_\_ cells is crucial for understanding diseases.

16. Medical research aims to continuously \_\_\_\_\_ treatments and patient outcomes.

17. Astronomers use telescopes to \_\_\_\_\_ new planets and celestial bodies.

18. The \_\_\_\_\_ of stars involves complex processes of fusion and gravitational collapse.

19. The \_\_\_\_\_ of different species in an ecosystem can lead to ecological changes.



20. A \_\_\_\_\_ comet is visible to the naked eye even in daylight.

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

21. Understanding the intricate workings of the human brain is a task for scientists.
22. To gain expertise in a subject one must dedicate time and effort to and practice.
23. The _____ of the Earth determines its gravitational pull on objects near its surface.
24. Archaeologists hope to _____ ancient ruins that could provide insights into past civilizations.
25. A star shines luminously in the night sky visible even from great distances.
26. The natural _____ of mountains involves tectonic processes and erosion over millions of years.
27. The exhibit displayed rare artifacts and historical documents from around the world.
28. After the field trip the students _____ samples of rocks and plants for further analysis.
29. Scientific _____ involves formulating hypotheses conducting experiments and analyzing data.
30. In a healthy ecosystem species _____ with each other to maintain a balanced environment.

## Answer

**Multiple Choice:** 1. Natural Selection 2. Patients 3. Galaxy 4. Neanderthals 5. Study 6. Peak 7. Research 8. Abstract 9. Meteor Shower 10. Specialized

**Gap-Fill:** 11. Natural Selection 12. Change 13. Test 14. Count 15. Normal 16. Improve 17. Discover 18. Formation 19. Interaction 20. Bright

**Matching sentence:** 1. Complex 2. Study 3. Mass 4. Discover 5. Bright 6. Formation 7. Special 8. Collected 9. Study 10. Interact

## CATEGORY

1. Health - LEVEL1

### Date Created

2024/12/10

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