

# METEORIODS, METEORS & METEORITES


## READING COMPREHENSION



**THE JOURNEY OF DISCOVERY**  
Scientists love studying meteoroids, meteors, and meteorites because they can teach us a lot about our solar system. In fact, scientists can learn a lot from asteroids and meteorites.

**METEORIODS, METEORS, AND METEORITES**


**WHAT ARE THEY?**  
Have you ever seen a shooting star streaking across the night sky? That amazing sight is caused by something called a meteoroid. But what exactly are meteoroids, meteors, and meteorites? Let's find out!



**MEET THE METEOROID**  
Meteoroids are like tiny space travelers, journeying through the vastness of the cosmos. These small pieces of rock come in all shapes and sizes, from as small as a grain of sand to as large as a car. They roam freely throughout our solar system, orbiting the Sun alongside planets and asteroids. Despite their size, meteoroids can create a breathtaking spectacle of light and fire when they enter Earth's atmosphere. They may be small, but their journey through the air is a true mystery of outer space.

**THE METEOR**  
When a meteoroid enters Earth's atmosphere, it starts to heat up and glow. This creates a bright streak of light in the sky, which we call a meteor. Meteoroids are not stars, but they're not stars at all either. They're just pieces of rock traveling through the air.

**FROM SKY TO EARTH**  
Some meteoroids burn up in Earth's atmosphere, leaving behind a faint trail. Other meteoroids manage to survive their journey and land on Earth's surface. These are called meteorites. Finding a piece of outer space right here on Earth is a truly amazing discovery.



**METEORIODS, METEORS, AND METEORITES**

CHOOSE THE CORRECT ANSWER.

Meteoroids compared to planets are much smaller.

The range of meteoroids is from a grain of sand to a car.

Meteoroids travel through the atmosphere.

The brightness of the cosmos is caused by meteoroids.

Meteoroids are found in caves on Earth.

**NO-PREP &  
EDITABLE**

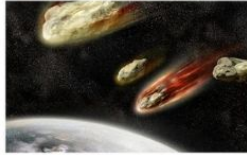
**READING COMPREHENSION  
MCQ'S  
QUESTIONS  
ANSWER KEY**

# READING PASSAGES WITH TEXT DEPENDENT QUESTIONS

## METEORIDS, METEORS, AND METEORITES

### WHAT ARE THEY?

Have you ever seen a shooting star streaking across the night sky? That amazing sight is caused by something called a meteoroid. But what exactly are meteoroids, meteors, and meteorites? Let's find out!



### MEET THE METEOROID

Meteoroids are like tiny space travelers, journeying through the vastness of the cosmos. These small pieces of rock come in all shapes and sizes, from as small as a grain of sand to as large as a car. They roam freely throughout our solar system, orbiting the Sun alongside planets and asteroids. Despite their size, meteoroids play a big role in creating the breathtaking spectacle of shooting stars when they enter Earth's atmosphere. They may be small, but meteoroids carry with them the wonder and mystery of outer space.

### THE METEOR'S DANCE

When a meteoroid enters Earth's atmosphere, it starts to heat up and glow. This creates a bright streak of light across the sky, which we call a meteor. Meteors are sometimes called shooting stars, but they're not stars at all! They're just rocks burning up as they race through the air.



### FROM SKY TO EARTH

Most meteors burn up completely in the atmosphere, leaving behind only memories of their fleeting beauty. But some larger meteoroids manage to survive the journey and land on Earth's surface. These pieces of rock are called meteorites. Finding a meteorite is like

finding a piece of outer space right here on Earth!

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### THE JOURNEY OF DISCOVERY

Scientists love studying meteoroids, meteors, and meteorites because they can teach us a lot about our solar system. By examining meteorites, scientists can learn about the materials that make up planets and asteroids. They can also understand more about the history of space and how our solar system formed.



### CONCLUSION

So, the next time you see a shooting star lighting up the night sky, remember that it's just a meteoroid taking a fiery journey through our atmosphere. And if you ever come across a strange rock on the ground, it might just be a piece of outer space—a meteorite waiting to be discovered!

READING COMPREHENSION

COLORED & B/W  
VERSIONS INCLUDED



Name \_\_\_\_\_

Date \_\_\_\_\_

# METEORIODS, METEORS, AND METEORITES

DIRECTIONS CHOOSE THE CORRECT ANSWER.

1. What are meteoroids compared to in the passage?

- a) Planets
- b) Space travelers
- c) Shooting stars
- d) Asteroids

2. What is the size range of meteoroids mentioned in the passage?

- a) As big as a mountain
- b) As small as a car
- c) As small as a grain of sand
- d) As big as a planet

3. Where do meteoroids travel?

- a) Through Earth's atmosphere
- b) Through the vastness of the cosmos
- c) Through underground caves
- d) Through the oceans

4. What role do meteoroids play when they enter Earth's atmosphere?

- a) They cause earthquakes
- b) They create the northern lights
- c) They form shooting stars
- d) They trigger volcanic eruptions

## SHORT ANSWER QUESTIONS

1. What are meteoroids compared to in the passage?
2. What is the size range of meteoroids mentioned in the passage?
3. Where do meteoroids travel?
4. What role do meteoroids play when they enter Earth's atmosphere?
5. What do meteoroids carry with them when they enter Earth's atmosphere?

5. What comparison is made to describe meteoroids?

- a) Like a stroll in the park
- b) Like a rocket launch
- c) Like a cosmic rollercoaster ride
- d) Like a quiet walk on the beach

6. What do meteoroids carry with them when they enter Earth's atmosphere?

- a) Valuable minerals
- b) Space debris
- c) The wonder and mystery of outer space
- d) Toxic gases

7. What is the primary focus of studying meteoroids, meteors, and meteorites?

- a) Predicting the weather
- b) Learning about ocean currents
- c) Understanding the history of space exploration
- d) Exploring underground caves

8. What term is used to describe the various types of meteoroids?

- a) Shooting moons
- b) Shooting stars
- c) Shooting planets
- d) Shooting galaxies

9. How do most meteoroids end their journey on Earth's surface as meteorites?

- a) By landing on Earth's surface as meteorites
- b) By colliding with asteroids
- c) By disappearing into black holes in space
- d) By being captured by Earth's gravity

## ANSWER KEY

### MCQS

1. b) Space travelers
2. c) As small as a grain of sand
3. b) Through the vastness of the cosmos
4. c) They form shooting stars
5. c) Like a cosmic rollercoaster ride
6. c) The wonder and mystery of outer space
7. c) Understanding the history of space exploration
8. b) Shooting stars
9. a) By landing on Earth's surface as meteorites
10. d) Like a bag of marbles

### SHORT-ANSWER QUESTIONS

1. Meteoroids are compared to "tiny space travelers" in the passage.
2. The passage mentions that meteoroids come in "all shapes and sizes" from "as small as a grain of sand to as large as a car."
3. Meteoroids travel "through the vastness of the cosmos."
4. When meteoroids enter Earth's atmosphere, they "create a bright streak of light across the sky, which we call a meteor."
5. According to the passage, meteoroids carry with them "the wonder and mystery of outer space."

10 - MCQ'S & 5  
QUESTIONS

ANSWER KEY  
INCLUDED

**READY TO PRINT**

**NO-PREP !**

**JUST PRINT AND GO!**



**EASY EDITING**

**EDITABLE**

**\*FONTS ARE EMBEDDED FOR CONVENIENCE**

