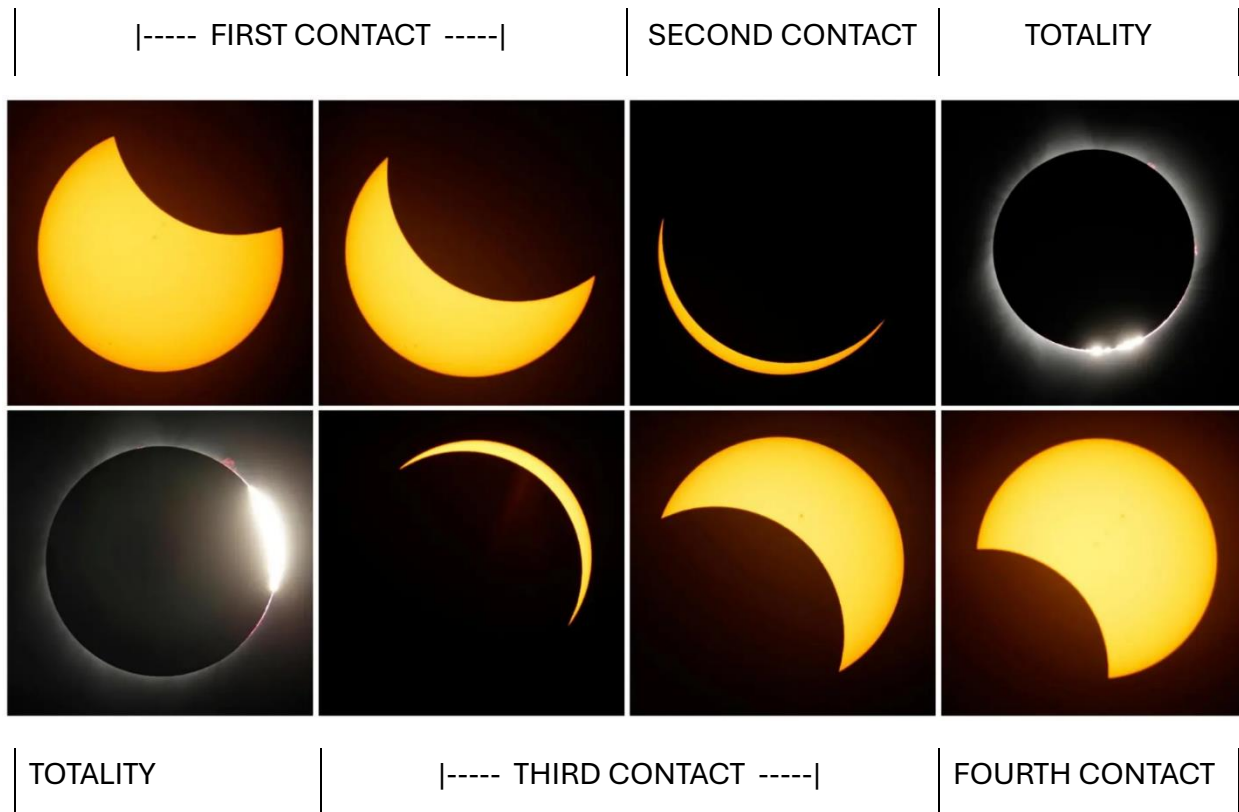


# Solar Eclipse 2024 Facts



## What is a Solar Eclipse?

A solar eclipse happens when the moon passes between the earth and the sun. The moon is closer to the Earth than the sun. This is why the moon looks bigger than the sun and can temporarily block it from view.

## What happens during a Solar Eclipse?

**First Contact** occurs when the moon begins to cover the sun. At that time, the outside light will begin to get dimmer and dimmer. **Second Contact** is when there is a sliver of the sun left before it is completely covered by the moon. When the sun is completely covered by the moon it is like nighttime outside and one might hear sounds of the night animals. The name of this stage is **Totality**. **Third Contact** begins as the moon begins to uncover the sun. The bit of the sun still to uncover is **Fourth Contact** happens as the moon uncovers the last bit of sun. When the moon has completely moved away from the sun it becomes daytime again.



# Solar Eclipse 2024 Facts

## **What is special about the Monday, 8 April 2024 Eclipse?**

Monday's eclipse is special because the sun will be at the peak of its solar cycle, and this means that it will appear brighter than usual. And the cool thing about this is **totality** will last a little longer than usual. The reason being the moon will lie closer to the earth.

## **How often does a Solar Eclipse happen?**

A Solar Eclipse occurs approximately once every 18 months. It happens in different places all over the world. The next one is in 2026 and it will happen over the Arctic Circle and Europe. Countries that may be able to see it are Greenland, Iceland, and Spain.



# Solar Eclipse – NAME THAT CONTACT

The word bank is on the second page of the pictures.



1. \_\_\_\_\_  
\_\_\_\_\_



2. \_\_\_\_\_  
\_\_\_\_\_



3. \_\_\_\_\_  
\_\_\_\_\_



## Solar Eclipse – NAME THAT CONTACT



4. \_\_\_\_\_

\_\_\_\_\_



5. \_\_\_\_\_

\_\_\_\_\_

### ☯ Word Bank ☯

Fourth Contact \_\_\_\_\_

First Contact \_\_\_\_\_

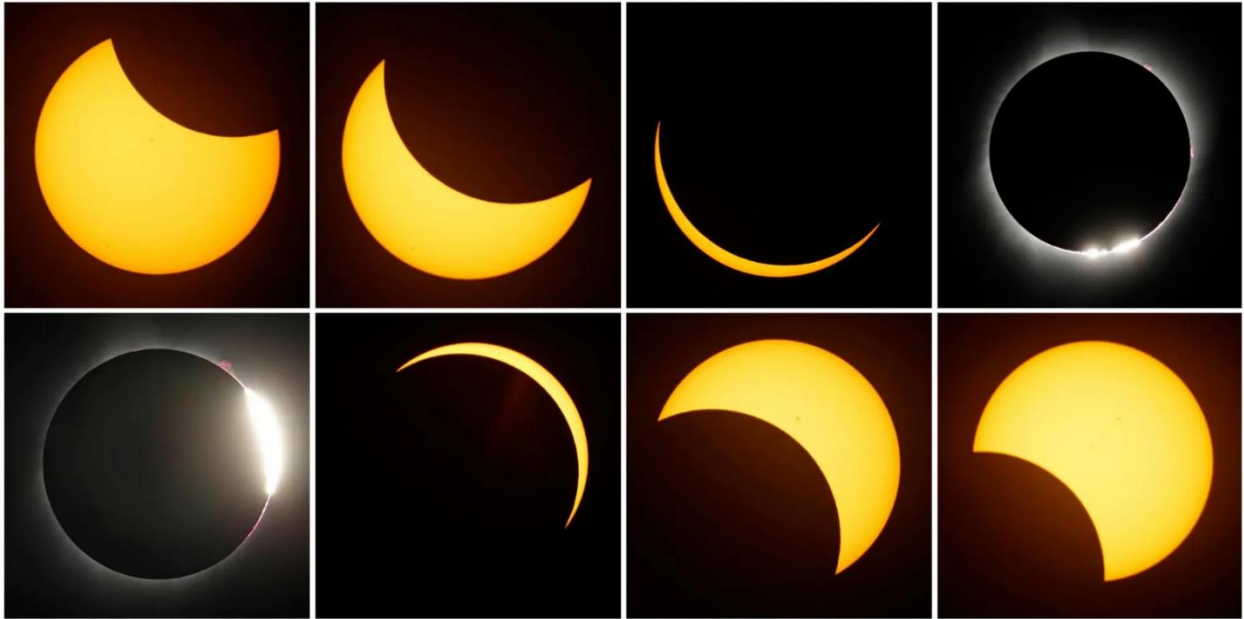
Totality \_\_\_\_\_

Second Contact \_\_\_\_\_

Third Contact \_\_\_\_\_



# What Shapes and Things Do You See in the Pictures?



## Hints to get you started:

Circle \_\_\_\_\_

Orange Slice \_\_\_\_\_

Arc \_\_\_\_\_

Banana \_\_\_\_\_

## Other shapes and things found:

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# Solar Eclipse Tracing and Writing Practice

solar

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moon

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contact

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eclipse

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bright

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dim

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totality

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crescent

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