

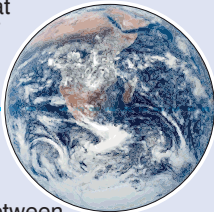
# Full moon will be a supermoon

August is set to see the first of four consecutive supermoons – a bigger and brighter full moon occurring during its closest approach to Earth

## Supermoon:

Will occur at 18:26 GMT on Aug 19, 2024

## EARTH



## August's supermoon:

**361,970km** from Earth

Supermoons will also occur on Sep 17, Oct 17 and Nov 15

## MOON



## PERIGEE

Elliptical lunar orbit, distance between Earth and Moon varies over time

## APOGEE

When Moon is furthest from Earth

**384,400km:** Average distance between Earth and Moon

## PERIGEE MOON

Full supermoon is biggest and brightest full moon of year, appearing approx. **30% brighter** and **14% larger** than usual

## September's supermoon:

Will occur **357,486km** from Earth. Partial lunar eclipse will also take place – visible in Americas, Africa and Europe



## APOGEE MOON

**October's supermoon:** Will be year's closest at **357,364km** from Earth

## November's supermoon:

Will be at distance of **361,867km**

