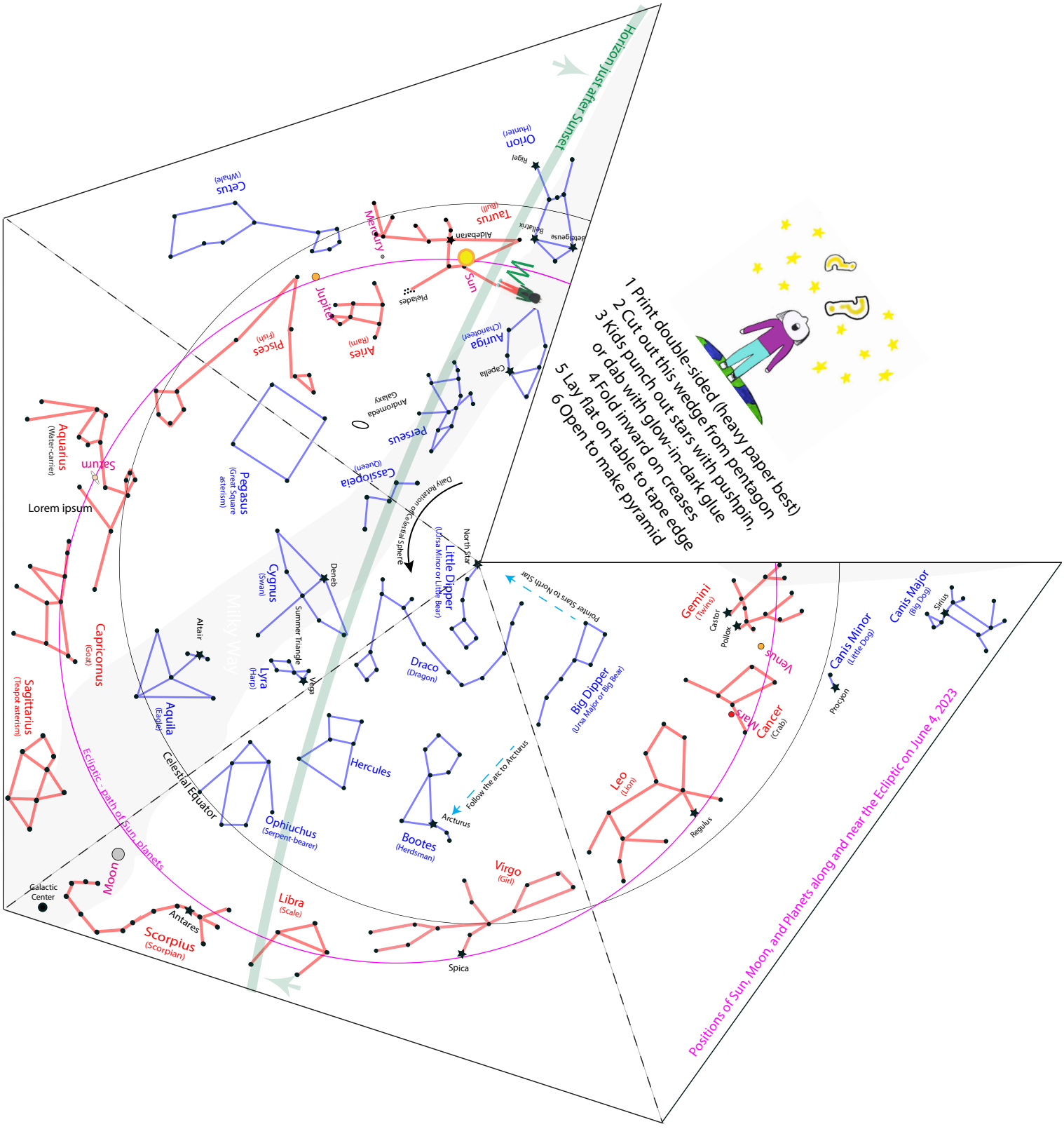
1 Print double-sided (heavy paper best)
2 Cut out this wedge from pentagon
3 Kids punch out stars with pushpin,
or dab with glow-in-dark glue
4 Fold inward on creases
5 Lay flat on table to tape edge
6 Open to make pyramid
Why is Venus so Bright Now?
June 4, so from Earth's perspective Venus is at its
furthest distance from the Sun and high in the evening sky,
allowing its reflected light to travel through less of Earth's
atmosphere. It will continue to brighten over the next month as it
moves closer to Earth in its orbit, even though it is sinking in the sky
and less of its disc is illuminated as viewed from Earth. In about 18
months Venus will again be at its brightest in the evening sky.
Leo
Cancer
Gemini
Taurus
Aries
Pisces
Aquarius
Capricorn
Sagittarius
Scorpio
Libra
Virgo
Sun and visible planet positions in the Zodiac as seen from Earth's orbit in the Ecliptic plane
Ecliptic path of planets and Sun
Mars
Venus
Horizon
After Sunset
Mercury
Venus and Mars in Night Sky
Venus in its faster inner orbit has now passed the point of creating a right angle to the Sun and Earth, and now appears to be sinking slowly toward the Sun. Mars is sinking also and will almost catch up with Venus in July, before Venus sinks further and disappears behind the Sun, to reappear in the early morning sky before sunrise.
Ecliptic path of planets and Sun
Saturn
Jupiter
Mercury
Horizon
Before Sunrise
Total Eclipse Countdown: 44 weeks!
April 8, 2024
Totality Path
Dallas
Austin
San Antonio
Little Rock
Indianapolis
St Louis
Bloomington
Cincinnati
Cleveland
Detroit
Toronto
Buffalo
Rochester
Burlington
Montreal
Next year's solar eclipse
will completely block the
Sun for over four minutes on
the Totality Path. Each month
the Moon passes between the
Sun and Earth (New Moon), and each
month it crosses the ecliptic plane
twice. When it crosses during a New
Moon, the Moon is exactly between the
Earth and Sun so it eclipses the Sun.
Night Sky June 4-June 11, 2023
All week: Venus and Mars visible after sunset along the Ecliptic,
then set in sequence. Mercury invisible in Sun's glare. Jupiter and
Saturn visible before sunrise. Waning Gibbous Moon after Full Moon on
June 3.
Moon
Mars
Venus
Mercury
Jupiter
Saturn
Ecliptic
Visible after Sunset - Sun - Visible before Sunrise
Globetarium.com



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