

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EEF-1408 |

1) Covered

3) Northern

5) Day

7) Two

2) Night

4) Phases

6) Seasons

8) Sun

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EEF-2041 |

1) Moon

2) Penumbra

3) Summer

4) Nighttime

5) Night-time

6) Sunlight

7) Daytime

8) Wide

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EEF-5537 |

1) Minutes

2) Daytime

3) Clocks

4) Photosphere

5) Earth

6) Clearly

7) Activities

8) Balancing

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EEF-5706 |

1) Far

2) Southern

3) Twice

4) Axis

5) Alignment

6) Covered

7) Halo

8) Glasses

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EEF-5898 |

1) Daytime

2) Winter

3) Alignment

4) Navigate

5) Sleep

6) Equator

7) East

8) Red

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EEQ-1409 |

- 1) Cone
- 2) Temperature levels
- 3) Corona
- 4) Moon's position and Earth's shadow
- 5) Eclipse
- 6) They become sharper

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EEQ-2042 |

1) Special glasses

2) Sunlight

3) Syzygy

4) Rotation

5) Ellipse

6) Sunlight side

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EEQ-5538 |

- 1) Sunrise and sunset
- 2) Climate changes
- 3) White
- 4) Seasons
- 5) A few hours
- 6) Guides travelers



| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EEQ-5707 |

- 1) Reddish glow
- 2) Sunlight
- 3) Earth is facing away from the Sun
- 4) Partial solar eclipse
- 5) 24 hours of daylight
- 6) Sunlight

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EEQ-5899 |

- 1) It's elliptical
- 2) Sun's presence
- 3) Earth partially blocks sunlight
- 4) It becomes darker
- 5) Rotation of Earth
- 6) Outer edge

| Grade | Topic | SheetKey    |
|-------|-------|-------------|
| 4     | Earth | 4-ELQI-1400 |

- 1) To know exact locations on Earth's surface
- 2) Tropic of Cancer
- 3) 180 degrees
- 4) To show elevation or height of the land
- 5) Distance north or south of the Equator
- 6) It is surrounded by frozen ocean

| Grade | Topic | SheetKey    |
|-------|-------|-------------|
| 4     | Earth | 4-ELQI-2033 |

- 1) Globe
- 2) It shows the Earth's curved surface accurately
- 3) It shows where communication satellites orbit around the Earth
- 4) 90 degrees South
- 5) Cartography
- 6) Equator (0 degrees)

| Grade | Topic | SheetKey    |
|-------|-------|-------------|
| 4     | Earth | 4-ELQI-5529 |

- 1) Large chunks of ice floating in the oceans near the poles
- 2) Its distance east and west of the Prime Meridian
- 3) Physical map
- 4) 0 degrees
- 5) Asia
- 6) Rising sea levels

| Grade | Topic | SheetKey    |
|-------|-------|-------------|
| 4     | Earth | 4-ELQI-5698 |

- 1) To find directions
- 2) It is located on a landmass covered by ice
- 3) Political map
- 4) Lines of longitude
- 5) By demonstrating how the Earth, Sun, and Moon align during eclipses
- 6) 66.5 degrees South

| Grade | Topic | SheetKey    |
|-------|-------|-------------|
| 4     | Earth | 4-ELQI-5890 |

- 1) To measure distances north and south of the Equator
- 2) Prime Meridian (0 degrees)
- 3) Lines that run east-west around the Earth
- 4) North Pole
- 5) The slanted position of the globe relative to the Sun
- 6) Its distance from the Equator

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EMF-1404 |

1) Balanced

2) Phases

3) Summer

4) Daylight

5) Seasonal changes

6) Sun

7) Seasons

8) Rotation



| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EMF-2037 |

1) Distribution

2) Position

3) Revolution

4) Favorable

5) Path

6) Winter

7) East

8) Light

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EMF-5533 |

1) Seasonal changes

2) Tilt

3) Winter

4) Ecosystems

5) Sun

6) Axis

7) Shadows

8) Cycles

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EMF-5702 |

1) 365

3) Equal

5) Seasons

7) Daylight

2) Sun

4) Winter

6) Patterns

8) Patterns

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EMF-5894 |

1) Length

2) Moon phases

3) Weather

4) Air

5) Time zones

6) Stars

7) Climate

8) Move

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EMQ-1405 |

- 1) It triggers the start and end of hibernation periods
- 2) It helps them navigate during migration
- 3) Due to its orbit around Earth and Earth's tilt
- 4) About 24 hours
- 5) Ocean tides
- 6) Axis

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EMQ-2038 |

- 1) Arctic Circle
- 2) By heating different parts of the Earth unevenly
- 3) It keeps Earth in its orbit around the Sun
- 4) Creates habitats with diverse ecosystems due to varying climates
- 5) Regulates climate patterns essential for agriculture
- 6) Creates varied climates for diverse ecosystems

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EMQ-5534 |

- 1) Facilitates optimal conditions for solar power generation
- 2) New moon
- 3) Destruction of homes and infrastructure
- 4) Ensures they receive sunlight for photosynthesis
- 5) Rotation of the Earth
- 6) About 365 days

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EMQ-5703 |

- 1) Spring equinox
- 2) Supermoon
- 3) Destruction of homes
- 4) Summer solstice
- 5) Causes different seasons throughout the year
- 6) Distributes heat evenly around the globe



| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-EMQ-5895 |

- 1) Summer
- 2) It influences rainfall patterns
- 3) It determines the length of day and night
- 4) Tilt of the Earth's axis
- 5) It causes seasonal changes in plant growth
- 6) Release of harmful gases and ash

| Grade | Topic | SheetKey    |
|-------|-------|-------------|
| 4     | Earth | 4-EQAI-1402 |

- 1) Both North Pole and South Pole
- 2) Antarctic Circle (66.5 degrees South)
- 3) It is a vast icy desert with few plants
- 4) They experience continuous daylight
- 5) They help track patterns of temperature and precipitation around the world
- 6) By allowing students to see how continents are positioned relative to each other

| Grade | Topic | SheetKey    |
|-------|-------|-------------|
| 4     | Earth | 4-EQAI-2035 |

- 1) Distances between places
- 2) They provide standardized coordinates for mapping and locating places
- 3) 0 degrees
- 4) A latitude line near the North Pole
- 5) Prime Meridian (0 degrees)
- 6) Fishing and hunting

| Grade | Topic | SheetKey    |
|-------|-------|-------------|
| 4     | Earth | 4-EQAI-5531 |

- 1) Lines that run east-west around the Earth
- 2) In Antarctica
- 3) Rising sea levels
- 4) It is located on a landmass covered by ice
- 5) It illustrates how pollution and climate change affect different regions
- 6) 180 degrees

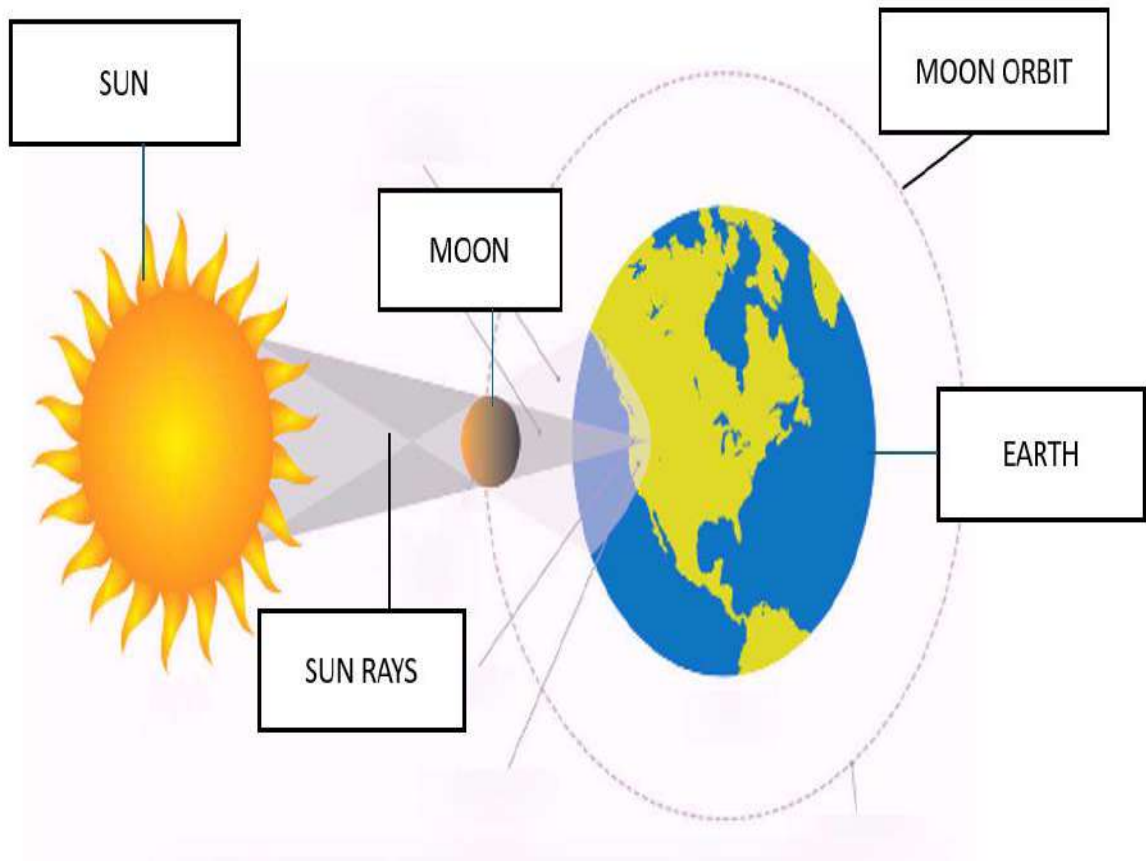
| Grade | Topic | SheetKey    |
|-------|-------|-------------|
| 4     | Earth | 4-EQAI-5700 |

- 1) Lines of longitude
- 2) Parallels
- 3) To measure distances east and west of the Prime Meridian
- 4) They divide the Earth into temperature zones
- 5) Oil, gas, and minerals
- 6) North

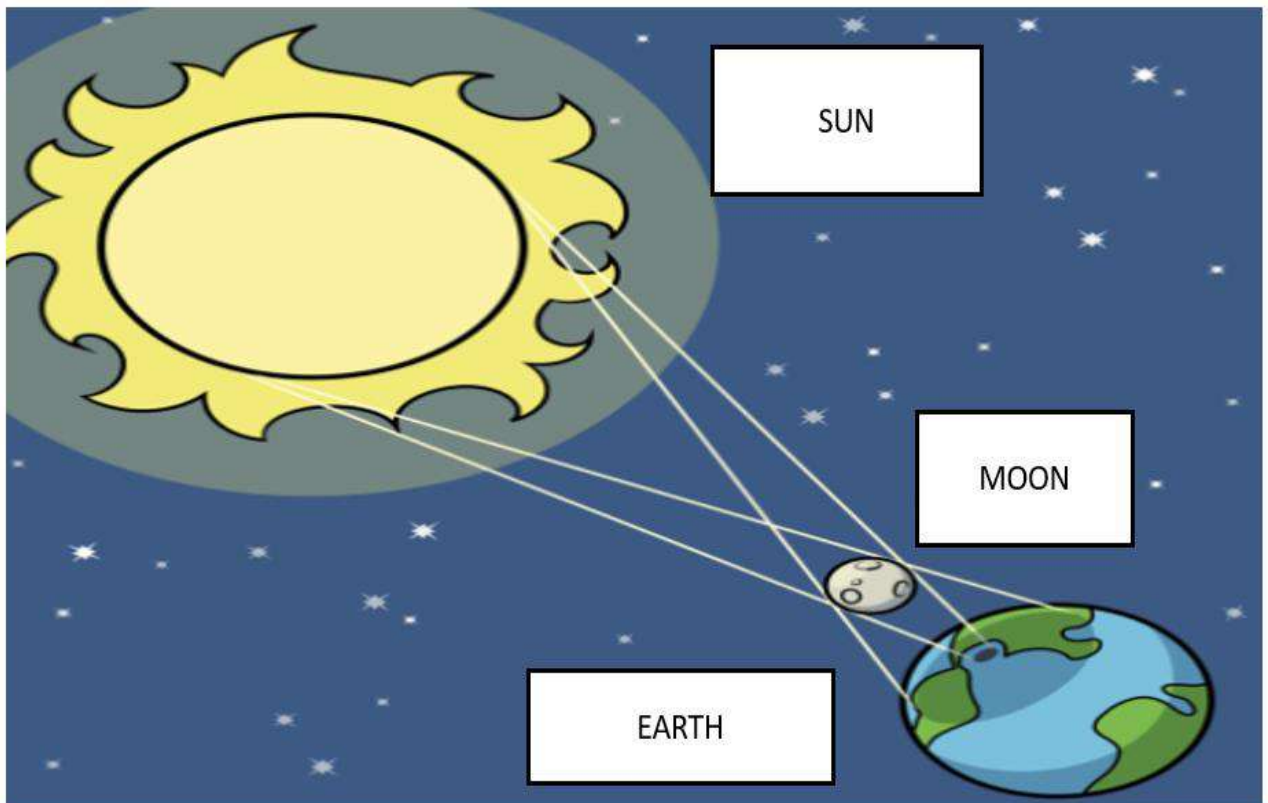
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|-------|-------|-------------|
| 4     | Earth | 4-EQAI-5892 |

- 1) By showing how lines of latitude and longitude intersect
- 2) Roughly spherical
- 3) 66.5 degrees North
- 4) The slanted position of the globe relative to the Sun
- 5) To measure distances between places
- 6) It shows continents and oceans in their true shapes

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-LEE-1413 |

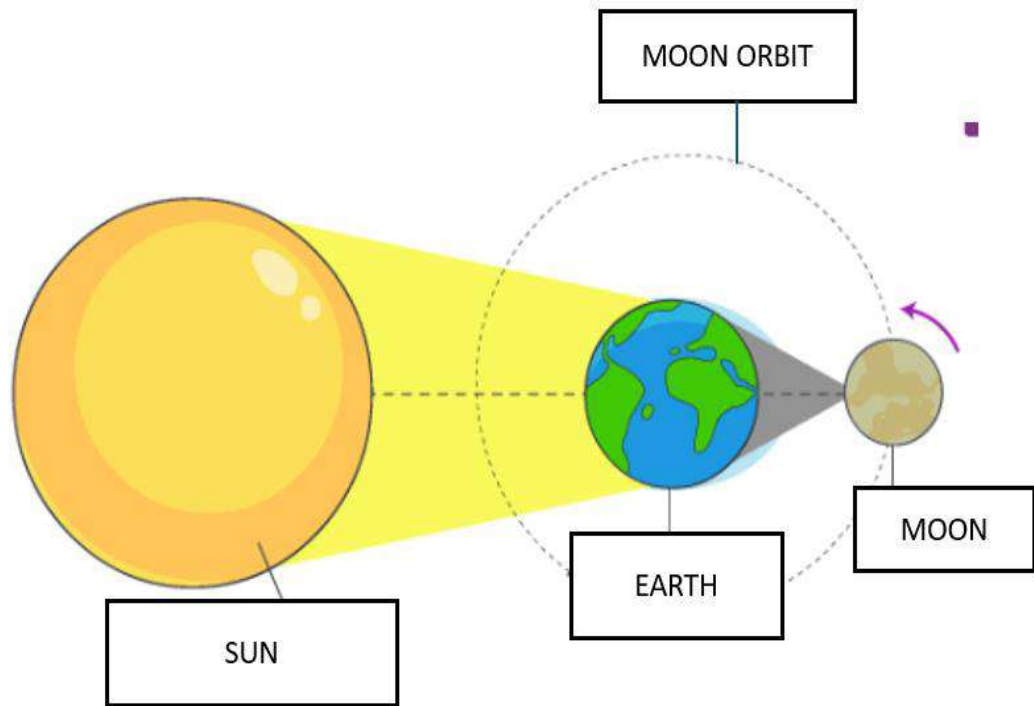


| Grade | Topic | SheetKey   |
|-------|-------|------------|
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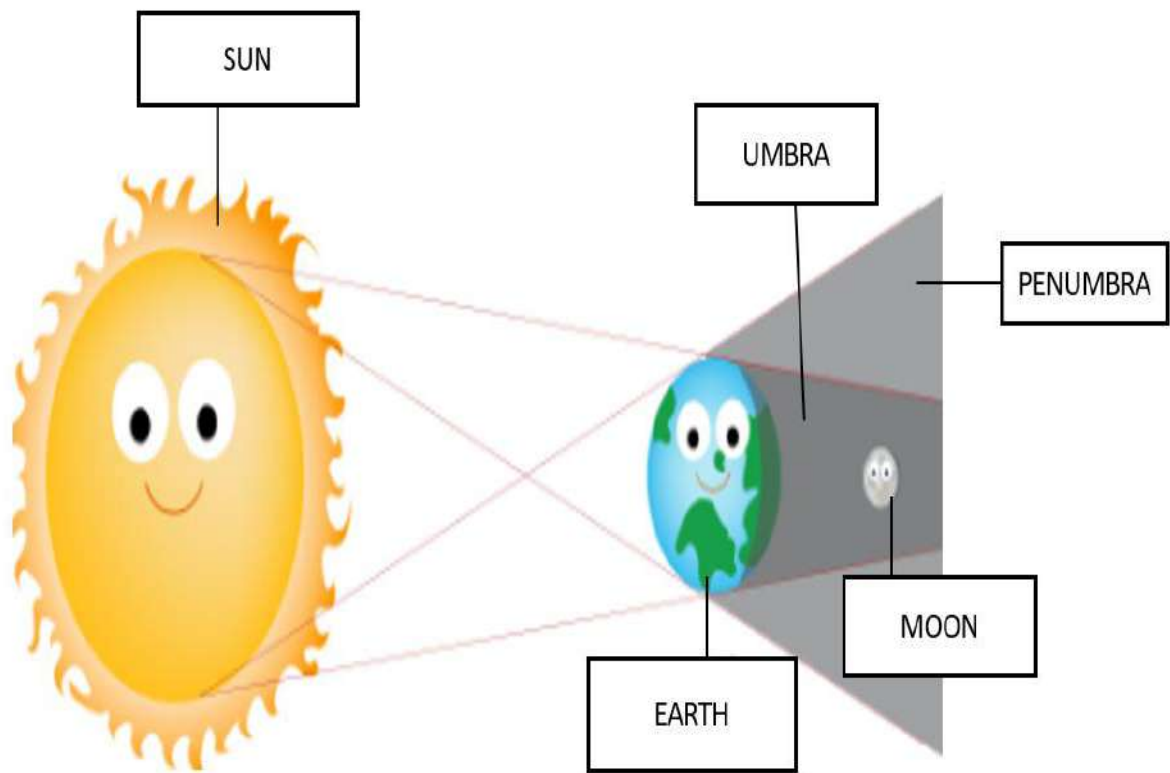




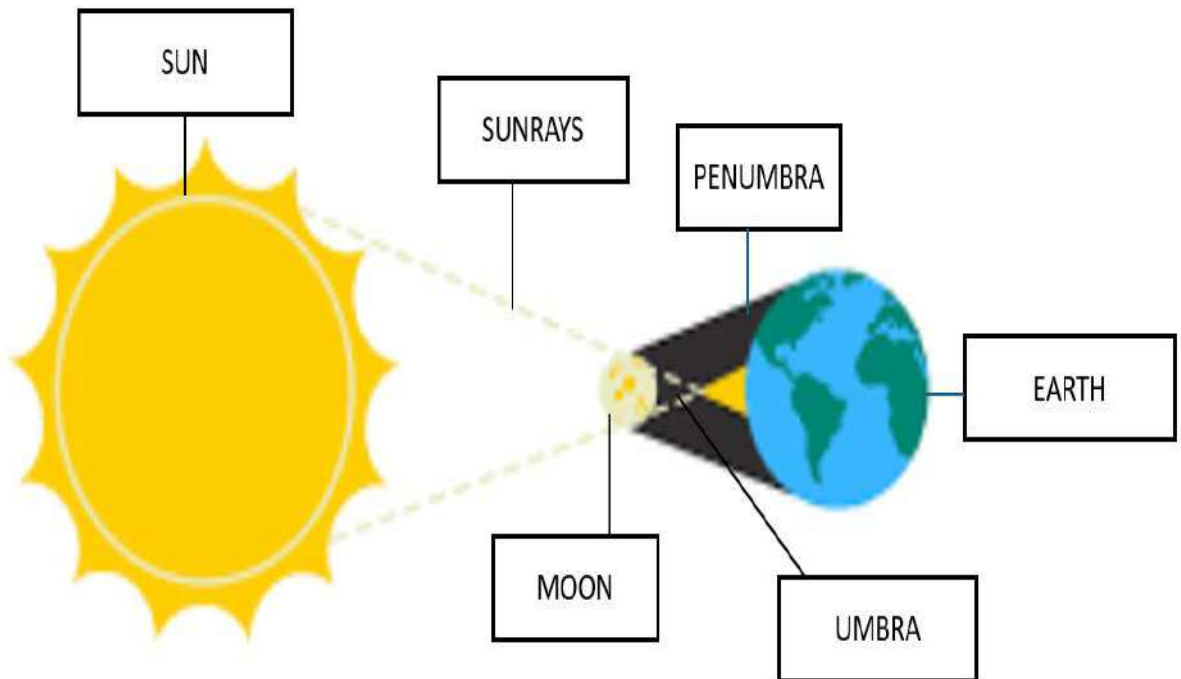
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|-------|-------|------------|
| 4     | Earth | 4-LEE-5545 |



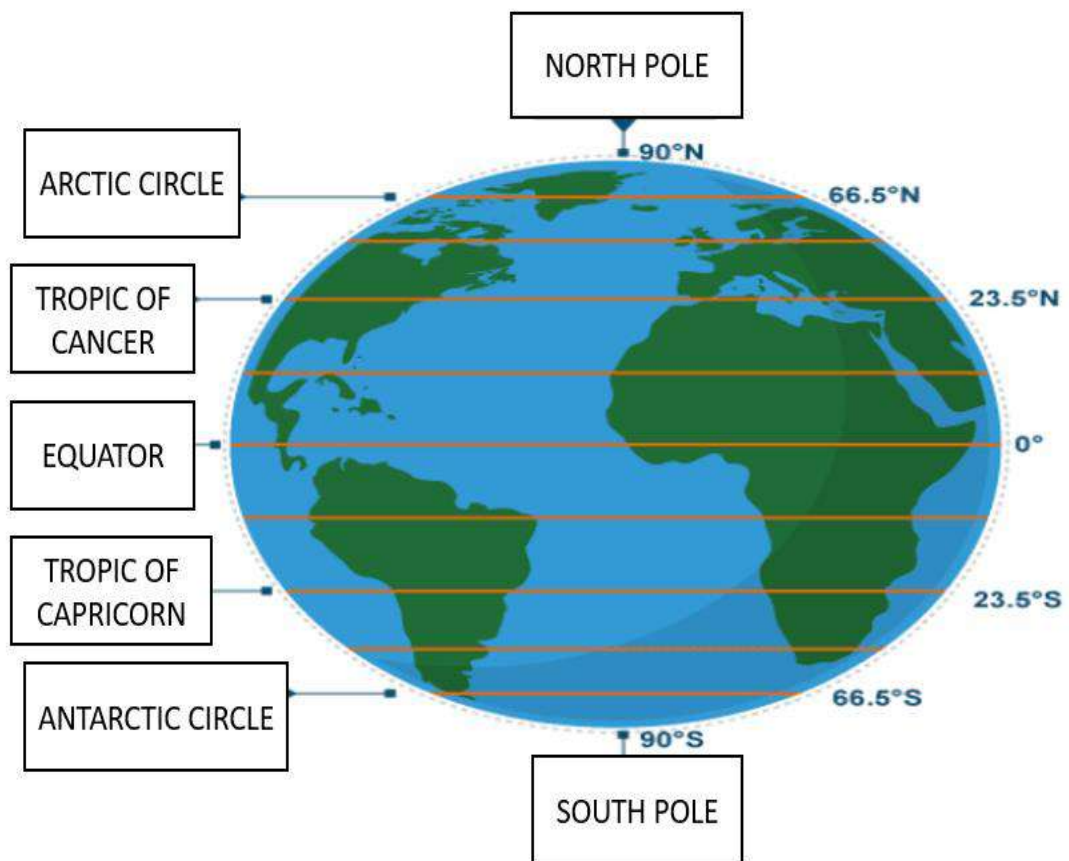
| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-LEE-5715 |



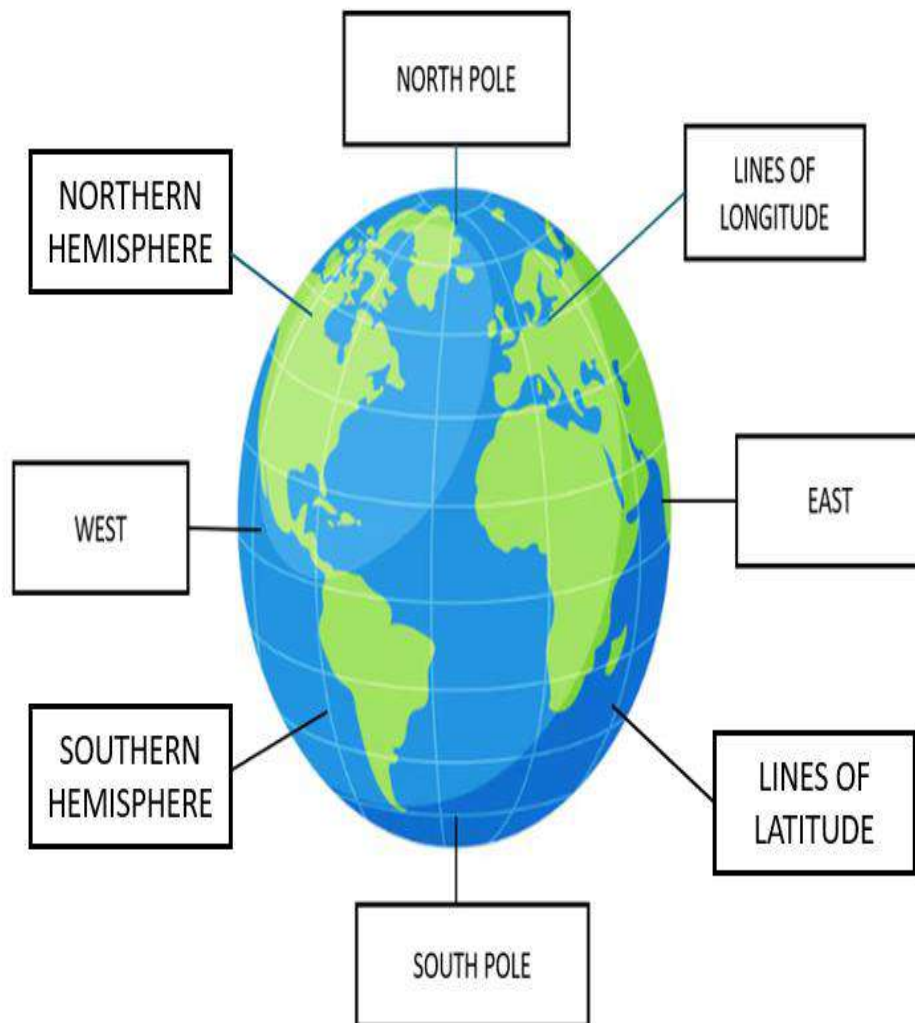
| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-LEE-5904 |



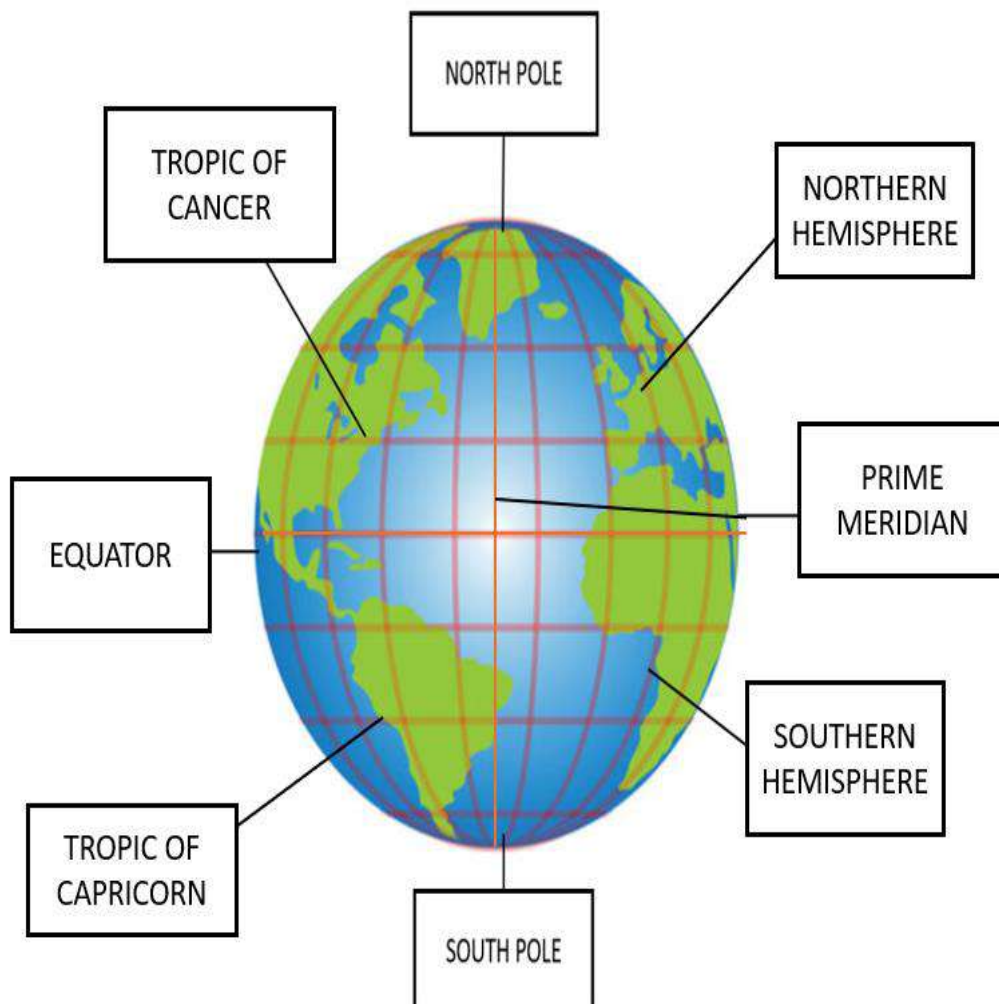
| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-LEL-1414 |



| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-LEL-2049 |

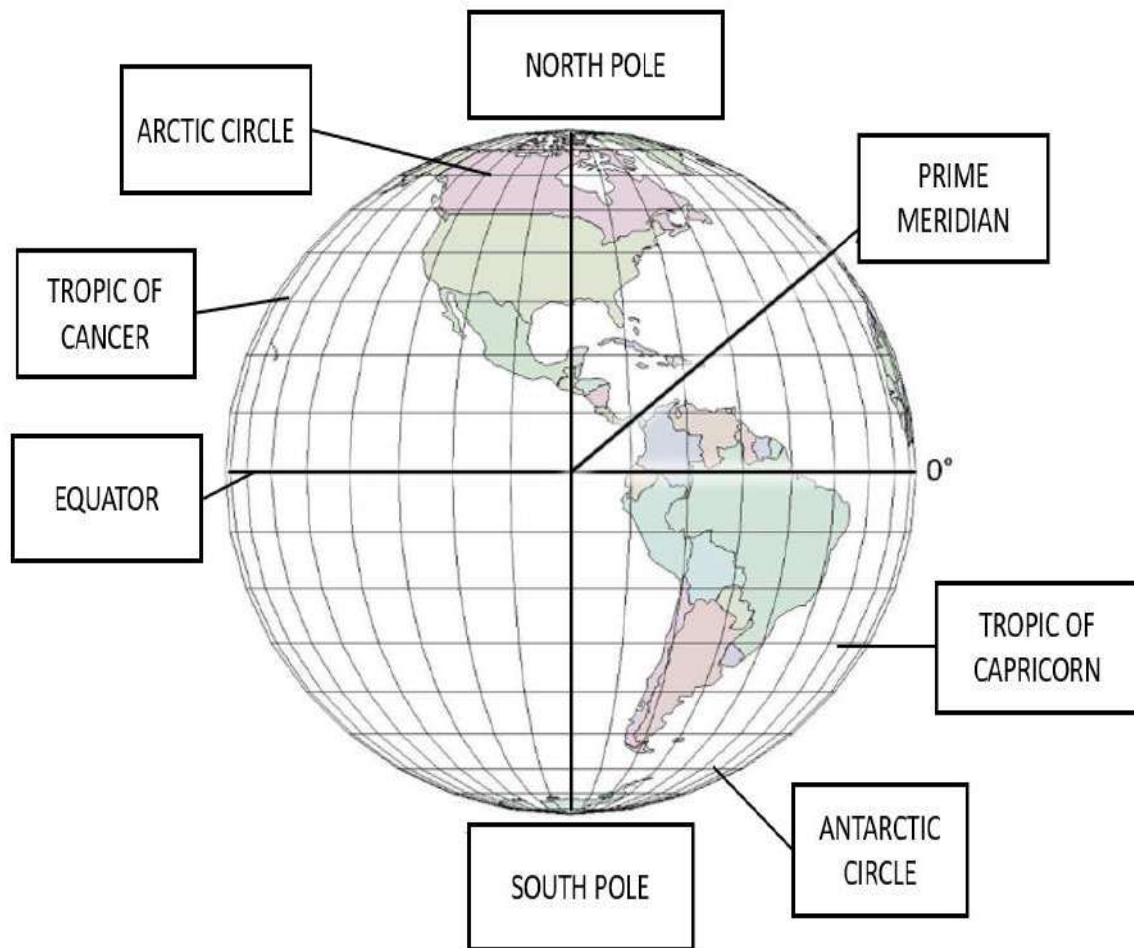


| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-LEL-5546 |





| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-LEL-5905 |



| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-LLF-1398 |

1) Prime Meridian

2) Bottom

3) Extreme

4) Surface

5) 360

6) Continuous

7) Daylight

8) Sea



| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-LLF-2031 |

1) Weddell

2) Environment

3) Navigation

4) Southern

5) International Date Line

6) 0

7) Temperature

8) Equator

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-LLF-5527 |

1) 0

2) 40 and 60

3) Day

4) 23.5

5) Meridians

6) South

7) Time zones

8) Geography

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-LLF-5696 |

1) Shape

2) Part

3) 3100

4) Volcanoes

5) Tropical

6) Natural

7) Climate

8) Longitude

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-LLF-5888 |

1) Historical

2) Location

3) 90

4) 66.5

5) Natural

6) Climate

7) 90

8) Cold

| Grade | Topic | SheetKey    |
|-------|-------|-------------|
| 4     | Earth | 4-TFEc-1410 |

- 1) False, the Sun appears to move across the sky due to the Earth's rotation.
- 2) False, daytime occurs because the Earth is facing the Sun.
- 3) True
- 4) False, daytime varies across different time zones.
- 5) True
- 6) False, nighttime occurs because the Earth rotates away from the Sun.
- 7) True
- 8) True

| Grade | Topic | SheetKey    |
|-------|-------|-------------|
| 4     | Earth | 4-TFEc-2043 |

- 1) True
- 2) False, during a lunar eclipse, the Moon does not disappear completely.
- 3) True
- 4) True
- 5) False, nighttime varies depending on location and time of year.
- 6) True
- 7) False, solar eclipses can only be seen from specific regions.
- 8) False, day and night are due to the Earth's rotation.

| Grade | Topic | SheetKey    |
|-------|-------|-------------|
| 4     | Earth | 4-TFEc-5539 |

1) True

2) True

3) True

4) True

5) False, a solar eclipse can occur when the Moon is at any point in its orbit.

6) True

7) False, lunar eclipses do not happen every month.

8) False, day and night are due to the Earth's rotation.

| Grade | Topic | SheetKey    |
|-------|-------|-------------|
| 4     | Earth | 4-TFEc-5708 |

- 1) False, lunar eclipses do not have a path of totality.
- 2) True
- 3) False, nighttime darkness is not affected by the Moon's phase.
- 4) False, daytime is warmer because of direct sunlight.
- 5) False, The Earth's rotation causes day and night.
- 6) False, a solar eclipse can last for a few minutes to a couple of hours.
- 7) True
- 8) True



| Grade | Topic | SheetKey    |
|-------|-------|-------------|
| 4     | Earth | 4-TFEc-5900 |

- 1) True
- 2) False, Nighttime is important for resting and sleeping.
- 3) False, daytime brightness depends on direct sunlight, not clouds.
- 4) True
- 5) False, day and night lengths vary throughout the year.
- 6) False, Solar eclipses are the result of the moon casting shadow on the earth.
- 7) False, daytime is longer in summer than in winter.
- 8) True

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-TFM-1406 |

- 1) True
- 2) False, The earth's rotation affects the growth patterns of plants.
- 3) True
- 4) True
- 5) False, The Earth's orbit around the Sun is elliptical in shape.
- 6) True
- 7) True
- 8) False, Volcanic eruptions are influenced by geological processes within the Earth's crust.

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-TFM-2039 |

- 1) False, The length of a year is determined by the Earth's revolution around the Sun.
- 2) False, The northern and southern hemispheres experience opposite seasons simultaneously.
- 3) True
- 4) True
- 5) False, The tilt of the Earth's axis is responsible for the seasons.
- 6) True
- 7) True
- 8) True

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-TFM-5535 |

1) True

2) True

3) True

4) True

5) False, The Earth's axis is tilted relative to its orbit around the Sun.

6) True

7) False, Changes in atmospheric pressure are influenced by factors like temperature and weather systems.

8) False, Earth takes 24 hours to complete one rotation.

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-TFM-5704 |

- 1) True
- 2) True
- 3) True
- 4) The orbits of comets around the Sun determine false, Comet sightings.
- 5) True
- 6) False, During an equinox, day and night are of equal duration all over the earth.
- 7) True
- 8) False, Volcanic eruptions are influenced by geological processes within the Earth's crust.

| Grade | Topic | SheetKey   |
|-------|-------|------------|
| 4     | Earth | 4-TFM-5896 |

- 1) False, The Earth's orbit around the Sun is elliptical in shape.
- 2) True
- 3) True
- 4) True
- 5) False, The speed of satellite orbits is primarily influenced by their altitude and the gravitational pull of the Earth.
- 6) False, Meteor showers are caused by debris entering Earth's atmosphere, not by the tilt of its axis.
- 7) True
- 8) True