THEME: ASTRONOMY
VOCABULARY

WORDS TO LEARN

1. **APERTURE –** a small opening in something
   Synonym – opening, crevice
   Antonym- closure; seclusion

2. **ASTERISM –** a prominent pattern or group of stars
   Synonym – asterismal, stars
   Antonym- N.A

3. **BLUE MOON –** a second full moon in a month
   Synonym – eternity; eons
   Antonym- constantly, again and again

4. **EPOCH –** a period of time in history
   Synonym – era; age
   Antonym- future, timeless

5. **EQUINOX –** day and night of the same length
   Synonym – autumn, equinoctial point
   Antonym- solstice

6. **FREE FALL –** move under the force of gravity only
   Synonym – plunge, dive
   Antonym- arise; ascend

7. **HELIOCENTRIC –** in relation to center of the sun
   Synonym – sun-centered
   Antonym- geo-centric

8. **LUNAR –** connected with the moon
   Synonym – moony, lunular
   Antonym- solar

9. **MERIDIAN –** an imaginary line between two poles
   Synonym – extremity; longitude
   Antonym- nadir, depth

10. **ZODIAC –** diagram showing planetary positions
    Synonym – forecast; horoscope
    Antonym- proof, reality

EXERCISES

EXERCISE 1

FIND THE SYNONYMS FOR THE MAIN WORD

1. ASTERISM   a) star   b) nebula   c) latitude   d) atlas
2. HELIOCENTRIC   a) sun centred   b) geocentric   c) global   d) moon
3. MERIDIAN   a) line   b) extremity   c) limitation   d) ellipse
4. FREE FALL   a) arise   b) ascend   c) plunge   d) flying
5. EQUINOX   a) autumn   b) solstice   c) reality   d) earth

EXERCISE 2

FIND THE ANTONYMS FOR THE MAIN WORD

1. BLUE MOON   a) plight   b) constant   c) astral   d) nadir
2. ZODIAC   a) astral   b) close   c) void   d) reality
3. LUNAR   a) solar   b) galactic   c) sublunary   d) inner
4. EPOCH   a) age   b) array   c) timeless   d) apex
5. APERTURE   a) opening   b) closure   c) gloominess   d) lookout

EXERCISE 3

FILL IN THE BLANKS WITH THE APROPRIATE WORDS FROM THE VOCABULARY LIST

1. A true _____ occurs within a few days after an _____ or solstice.

2. During the _____ eclipse, Alison looked towards the south of the sky to identify the Teapot _____

3. The telescope had an _____ of 1.0μm pixel size, the device automatically retracts if a _____ is detected.

4. Saturn and Jupiter met up at the same degree of _____, marking the birth of a new astrological _____.

5. Copernicus introduced the _____ model, while Giovanni Cassini calculated the _____ line .