



WORKSHEET A

PLANET EARTH AND BEYOND

Development of astronomy: Early indigenous knowledge

1. Name three facts about the ecliptic. **[Any three facts]** [6]

- **This predictable pattern was discovered very early.**
- **It is the annual path that the Sun appears to travel across the sky.**
- **It appeared as if the Sun was moving on this ecliptical belt.**
- **It also appeared that the visible planets, the stars and the Moon's paths stayed very close to the ecliptic.**

2. What was recorded daily? [2]
The changing patterns in the sky.

3. Use the words in the block below: [5 x 2 =10]

Celestial	Astronomy	Nomadic	Phenomena	Constellation
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- 3.1 The facts of society that are not understood. **Phenomena**
- 3.2 People who do not live in one fixed place. **Nomadic**
- 3.3 Groups of stars named by astronomers. **Constellation**
- 3.4 Of the sky. **Celestial**
- 3.5 The scientific study of the Universe. **Astronomy**

4. Fill in the missing words: [2]

The zodiac chart consists of a circle of [4.1] **12** constellations of

[4.2] **30°** divisions of celestial longitude.

[TOTAL 20 Marks]