



THE DISAPPEARING SUN

– TOTAL SOLAR ECLIPSE TO OCCUR IN PARTS OF CANADA ON APRIL 8

COMPREHENSION QUESTIONS

1. Describe the shape of the Moon's orbit around the Earth;

2. When the Moon fully blocks the Sun and casts a shadow on part of the Earth, this is called a(n):

3. What is the **path of totality**?

4. When Sun, Moon, and Earth line up and the Moon is at the far point of its orbit and does not fully block the Sun, this is called a(n):

5. The Moon looks slightly different each night and there are four main lunar phases: a) new moon, b) first quarter, c) full moon, and d) last quarter. In which phase does a solar eclipse occur?

6. Why is there no eclipse every time the Moon is in this phase?

7. Where in Canada will the path of totality travel during the total solar eclipse on April 8, 2024?

8. Describe what will happen as the eclipse approaches. How long will the eclipse last?

9. What do scientists plan to study during the eclipse?

10. Why are people in the path of the eclipse warned not to look at the Sun without proper protection?
