Guided Reading Ch. 40

The Stars

|  |  |
| --- | --- |
| **Pg. 721:** What will this chapter be about? Don’t answer “Stars!” |  |
| **Pg. 722:** How many stars can the unaided eye see?  Why don’t stars show more detail when you look at them?  How did pre-historic humans divide the night sky?  Name three things ancient humans used the stars for?  Why do astronomy and astrology share the same roots?  Why do we see different parts of the sky with different stars during day and night? |  |
| **Pg. 725: Birth of Stars**  Name all the elements and molecules Interstellar space contains.  Explain how a protostar forms.  Explain how thermonuclear reactions begin in stars.  What were the first protostars made of?  Where are elements heavier than hydrogen and helium manufactured?  How do we know that we are made of star dust? |  |