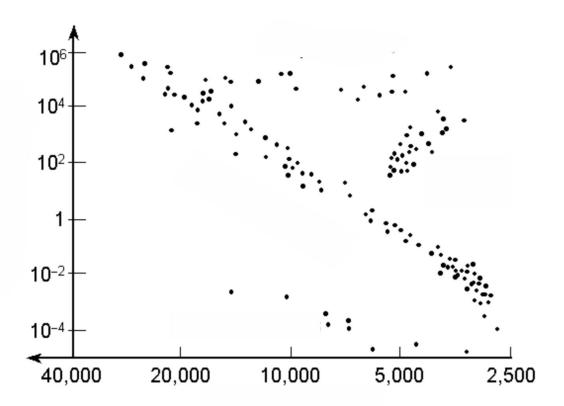
Notes: H-R Diagrams



- 1. What does H-R stand for?
- 2. As you move from bottom to top in an H-R diagram, how do stars change?
- 3. As you move from left to right in an H-R diagram, how do stars change?
- 4. If you put all of the stars in the Universe on an H-R diagram, where would 90% of them be located?
- 5. What is the name for the group of stars that form a diagonal line from top left to bottom right?

| 6. | What is the energy source of all main sequence stars? |
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| 7. | a. Describe the stars in the top right of an H-R diagram. |
| | b. What is their main energy source? |
| 8. | a. Describe the stars in the bottom middle of an H-R diagram. |
| | b. What is their energy source? |
| 9. | Where are the blue stars in an H-R diagram? |
| 10. | Where would our Sun be in this H-R diagram? Why? |
| 11. | In the future, our Sun is going to move to different parts of the diagram. What path will it follow on the diagram, and why? |
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