**Resource I: T-Chart for Knowledge and Skills**

**needed to meet selected standard**

Review the science standard and sub-standards (Resource E) for the inquiry lessons outlined in Resource K. Make a table/t-chart of the knowledge and skills embedded in the two mini-lessons contained in the unit. What must students be able to know and do to be successful in these two mini-lessons? Identify knowledge or skills that might need to be explicitly taught. Then, respond to the question below the table.

|  |  |
| --- | --- |
| Knowledge | Skill |
|  |  |

Describe how learning the knowledge and skill will help students be successful in the broader inquiry unit?

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| **State Science Standard: Earth & Space Science for Sixth Grade** |
| S6E2. Obtain, evaluate, and communicate information about the effects of the relative positions of the sun, Earth, and moon. |
| c. Analyze and interpret data to relate the tilt of the Earth to the distribution of sunlight throughout the year and its effect on seasons. |