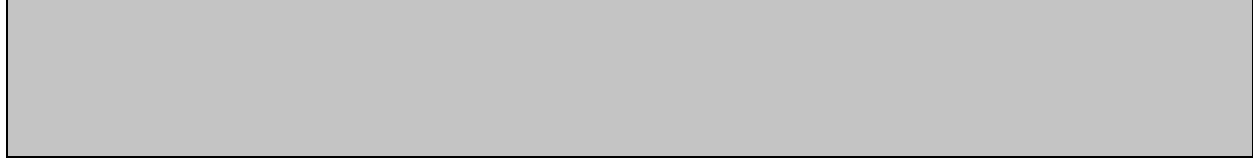


Teacher Guide to Starry Lights Video

With a renewed focus on inquiry, Science curriculum provides students with opportunities to ask questions, identify their beliefs and opinions, consider a range of views, work collaboratively, and ultimately make informed conclusions that lead to responsible choices for themselves, their families, and their communities.

Inquiry processes are complex and students, especially younger ones, will need a great deal of



Curricular Competencies addressed in Q 3 and Q 4

- Observe, measure, and record data (qualitative and quantitative) using equipment, including digital technologies.
- Experience and interpret
- Seek patterns and connections in data from their own investigations and secondary sources
- Use scientific understandings to identify relationships and draw conclusions

Curricular Competencies addressed

- Demonstrate a sustained intellectual curiosity about a scientific topic or problem of personal interest
- Make observations aimed at identifying their own questions about the natural world
- Identify a question to answer or a problem to solve through scientific inquiry
- Transfer and apply learning to new situations
- Generate and introduce new or refined ideas when problem solving
