FURTHER IMPORTANT TOPICS FOR CHS232 The 5 Features of Science

**The Five Features of Science Inquiry: How do you know?**

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Teaching science through science inquiry is the cornerstone of good teaching. Unfortunately, an inquiry-approach to teaching science is not the norm in schools as "many teachers are still striving to build a shared understanding of what science as inquiry means, and at a more practical level, what it looks like in the classroom ([Keeley, 2008](http://www.nsta.org/recommends/ViewProduct.aspx?ProductID=18426" \t "_blank))." A good starting point for understanding what science inquiry "means" is to focus on the definition provided by the [National Research Council](http://www.nap.edu/catalog.php?record_id=9596).

**The 5 features of science inquiry (emphasis is mine)**

* Learner Engages in Scientifically Oriented Questions
* Learner Gives Priority to **Evidence** in Responding to Questions
* Learner Formulates **Explanations** from **Evidence**
* Learner Connects Explanations to Scientific Knowledge
* Learner Communicates and Justifies **Explanations**

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PLUS

# 5E Lesson Model for Teaching Inquiry Science

<https://www.youtube.com/watch?v=hWCnAJ6ax6Q>