

INDICATORS OF INQUIRY

Use the statements to help you decide how much inquiry you have incorporated in your lessons. You can also use it to review experiments and activities which you develop or find on the web, in books, or other in resources.

	Yes	No
1. Are students asking questions relevant to them?		
2. Are students probing for answers to complex, open ended questions?		
3. Do students investigate the problems/questions that they suggested?		
4. Do students have opportunities to suggest their own hypotheses?		
5. Do students have opportunities to design investigations?		
6. Are students problem-solving in situations of relevance/ concern to them?		
7. Do students have opportunities to use tools of science such as balances, microscopes, meters, etc.?		
8. Are students encouraged to suggest data to collect and how much data to collect?		
9. Do students have opportunities to gather evidence and data? Is there emphasis on quantitative data?		
10. Do students sometimes share and/or pool their data?		
11. Do students have opportunities to organize and make sense of data?		
12. Do students have opportunities to state their own conclusions?		
13. Do students discuss how well their conclusions relate to their data?		
14. Do students compare their findings with other research?		
15. Do students present and discuss their findings with each other?		
16. Do students have opportunities to analyze sources of error in their work?		
17. Do students write about their findings and what the findings mean?		
18. Do students have opportunities to consider their results and suggest further investigations?		
19. Do students have opportunities to share findings outside their class?		
20. Do students have opportunities to communicate with scientific experts in the field of study?		

