



Student Rubric For Science Activities
Elementary School

	Using Tools	Strategies in Science	Understanding Science
Starting Out (Novice)	I didn't try to use the tools, like rulers, thermometers and such. I don't have information, or I just guessed without measuring.	I am not sure where to start. I mixed up some steps in the process. My mistakes got me all confused.	I don't understand what I am supposed to do or to learn from this. My thinking wanders around.
On my way (Apprentice)	I tried to use some of the tools, like rulers, thermometers and so on. I got some information measured and recorded.	I got started OK, but got mixed up in the middle. My strategy sort of worked. I tried to do everything. There are a few mistakes in what I did.	I understand that I'm supposed to figure out the problem and follow steps to find a solution, but I'm not quite sure how to do this.
Got It! (Practitioner)	I can use most of the tools like rulers, thermometers, and so on. I know how to use them. I checked by measuring 2 times.	I was able to follow the steps to the end. My strategy worked OK to get me an answer that was reasonable. My mistakes are very small ones.	I know what the problem is, even if I can't explain it as clearly as I want to. I also understand the steps to follow to get a solution. I know what science ideas are involved in the problem.
Wow! (Expert)	I made great use of the tools and my information is accurate and complete. I checked my work for mistakes by measuring twice and recording carefully. I can show others how to use tools.	I figured out all the steps I needed to complete my work. I figured out a strategy that worked really well, or I revised a given strategy to do the problem. I did things correctly. I can explain this solution to others easily. I know what comes next.	I understand the problem really clearly, and can explain it to others easily. The steps to take make sense to me and I know why we should do them. I understand the science ideas, and what other ideas they are connected to. I can explain what I know to others.