

Student Rubric For Science Activities

Elementary School

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

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