Creating a good research project assignment is a work of $\underline{\mathbf{ART}}$: you need a good research *project* in order to teach the research *process*. Use the $\underline{\mathbf{ART}}$ evaluation -- Is it $\underline{\mathbf{A}}$ uthentic? Does it facilitate the $\underline{\mathbf{R}}$ esearch process? Is it well-supported by the $\underline{\mathbf{T}}$ eacher?

Criteria	Excellent/Good/Fair/Poor? Why?	What is your plan for improvement:
Is it <u>A</u> uthentic?		_
Does the assignment offer choices of topics relevant to students?		
Does the project encourage students to think critically? to solve problems? to be creative?		
Can the final product be shared with a real audience?		
Does it facilitate the <u>Research process?</u>		
How are the students guided to Develop and refine a question or hypothesis?		
How are the students guided to		
Locate, gather, and evaluate info from a variety of reliable resources?		
How are the students guided to Record, summarize, and cite the information which they find and use?		
How are the students guided to		
Reflect upon what they are learning in order to make a conclusion?		

How are the students guided to	
Develop communication skills in a written, oral, or other format?	
How are the students guided to	
Evaluate what they are doing during the project as well as at the end?	
How does the assignment	
Encourage students to reflect upon, revise, and improve their projects?	
How does the assignment	
Encourage students to use the media center or another type of library?	
How does the assignment	
Encourage and facilitate the responsible use of technology?	
How does the assignment	
Help students develop a collaborative research community?	
How does the assignment	
Help students avoid plagiarism and create original work?	
Is it well-supported by the <u>Teacher?</u>	
Do the assignment's instructions	
State goals for what students should learn about the research process?	

Do the assignment's instructions	
Set expectations regarding elements of a quality research process?	
Do the assignment's instructions	
Emphasize the research process by having segments due at intervals?	
Does the teacher	
Give example of (or model) what quality research looks like?	
Does the teacher	
Give tools to help students through the steps of the research process?	
Does the teacher	
Ask students to reflect on the process as well as the subject matter?	
Does the teacher	
Evaluate how students understand & conduct the research process?	

The ideas and questions in this guide were construed and compiled from the following sources:

Assignment Ideas that Develop Information Literacy Skills by Pace University Library at

 $\underline{http://www.pace.edu/library/pages/instruct/infoliteffective assignments.doc}$

Beyond Google: How Do Students Conduct Academic Research by Alison Head at

 $\underline{www.firstmonday.org/issues/issue12_8/head/index.html}$

Designing Research Projects Students (and Teachers) Love by Doug Johnson at

http://www.doug-johnson.com/

Notes to Instructors on Writing Good Research Assignments by Colorado State University Libraries at

http://lib.colostate.edu/howto/instr2.html

Plagiarism-Proofing Assignments by Doug Johnson at

http://www.doug-johnson.com/

Research Project Calculator provided by Minitex and MnLink at http://rpc.elm4you.org/