

Tutorial on Getting Project Ideas, Writing Testable Questions, Hypothesis and Expanding on another Person's idea -

Let's say you see a project idea from one of the internet sites where a student previously investigated getting oil from a cactus plant and determining if it could be turned into a green alternative and useable fuel. **Then what?**

1. You change it up a bit by thinking of a different test subject or a different way to do what others have done. In this example we thought of a different, maybe more abundant plant, such as an invasive weed, (choose one that is NOT poisonous) from which you could extract oil and investigate its use as a green alternative and useable fuel. We chose to use the same method as the student.
2. You turn it into a testable question such as **Is dandelion leaf oil functional as a green alternative and useable fuel?**
3. Next do an internet search using the question to see if you can find the exact answer to the question. We often tell students to just "Google it". If you **CAN'T find the exact answer...GREAT...** you have a unique opportunity for research. If you can find the answer then continue thinking of how this idea can be changed and then go through the process again.