

Scientific Investigation Framework

	Details	Goals
Pre-Lab	- Activities that will prepare students to use equipment correctly. - Activities that will provide context to brand-new information needed in the Lab. - Activities that will prepare students to engage with the information they are about to discover. - This is NOT a time to present large amounts of new information.	- To prepare for an independent investigation. - To gain context of new material they will encounter.
Lab	- A complete walkthrough of the Scientific Method. - Students will complete all steps of the Scientific method using a Lab Report as their guide. - Each student will create a final work product for the Lab Report.	- For students to DISCOVER the answer to the Big Question. - For students to investigate independently. - Walkthrough ALL the steps of the Scientific Method.
Post-Lab	- These activities happen AFTER students write their conclusions for the Lab. - Activities provide students with the opportunity to apply, analyze, or communicate what they have discovered.	For students to solidify and apply what they've learned now that they have discovered new content.