

Lab Science Plan Using Blogger

Grade Level: High School



OVERVIEW	Blogger is a web 2.0 application that allows users to create online journals, blogs, easily. Blogs can be a useful tool for any lab science class, such as Chemistry; Biology; or Physics, to document their experiments online. Documenting experiments online will increase student awareness of the scientific method and sound research/experimental techniques.
LEARNERS	Grades 9-10
LEARNING ENVIRONMENT	Lab classroom equipped with computers with internet access
OBJECTIVE	Students will demonstrate mastery of the scientific method by consistently creating lab reports that address all of the parts of the scientific method and posting them on Blogger .
PROCEDURE	The teacher will create a Blogger account for the class. The teacher will give a lesson about how to use Blogger Each week one lab group will be assigned the task of posting their lab report to Blogger . Students who are not assigned to post for a given week will be expected to make changes and improvements to the posting students' report.
MATERIALS	<ul style="list-style-type: none">▪ Lab materials according to already planned labs▪ Digital camera (to take photos of the experiments)▪ At least one computer with internet access▪ 2-4 computers would be better to allow students without internet access to have time to edit the blog.
APPLICATION	By maintaining a class blog about their lab work, students will be able to review the concepts they are learning in lab and in lecture through the interface of a technology that is relevant to them.
MOTIVATION	A class blog about their lab work will motivate students to work better in lab by providing them with a space where they can provide each other with feedback about their experiments.
STANDARDS	Individual Standards based on lab subject matter

