Discussion One

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My name is Terell Stewart. My content area is 8th grade science, which involves physical science topics, such as nuclear and mechanical energy, heat and light, magnetism, and electricity. Some of my objectives include to enable learners carry out scientific investigations, to collect data using technological tools, to use scientific investigations to answer questions, and to analyze as well as interpret data. My experience as an 8th grade science teacher has been amazing because my students are always thrilled about learning science. This makes my work easier and allows students to concentrate and learn. Some of the most fascinating activities that students enjoy include blowing out a candle using a balloon, proving the first law of motion by dropping an egg, conducting fingerprint analysis, and measuring and comparing lung capacity. My love for science subjects like chemistry, biology, astronomy, and physics influenced me to become a science teacher. I wanted to help science students learn how to find answers for themselves.

I have great opportunities that enable me to inspire students to learn about the surrounding natural world. Some of these opportunities are field trips and laboratory experiments. My roles and responsibilities are to demonstrate experiments, assess how students perform in tests and laboratory activities, coordinate science activities for the school, and assign homework. Other duties are staying updated about the current technology, prepare learners for science competitions, and collaborate with other 8th grade teachers. My philosophy to become an effective science teachers is that good teaching is necessary. This philosophy makes my lessons effective because it enables me to plan engaging activities, help students make challenging decisions, navigate complex science concepts, anticipate to work with learners, and address misconceptions. Good and effective teaching is also necessary because it is difficult to teach scientific concepts properly. Many science teachers lack the adequate experience vital for science.