1. Incorporated exciting and engaging activities to reinforce student participation and hands-on learning.
2. Verified correctly positioned and working eyewash stations, safety showers, fire extinguishers and fire blankets for potential laboratory accidents.
3. Engaged students and promoted intellectual curiosity through hands-on experiments, PowerPoint presentations and mnemonics to provide positive attitude towards scientific processes.
4. Evaluated and revised lesson plans and course content to facilitate and moderate classroom discussions and student centered learning.
5. Instructed students in lab by teaching safety protocols for proper use of chemicals and safe disposal of hazardous materials.
6. Designed science dictionary with chemistry terminology to guide students in classroom and lab, using [Software].
7. Participated in department meetings to provide input to colleagues about student achievement and improvement.
8. Inspected all lab equipment before student use to reduce chances of potential hazards.
9. Maintained records of student progress and lab completions, using [Software].
10. Managed laboratory and stockroom by pricing and ordering chemical supplies and equipment.
11. Fostered motivating learning environment by planning and displaying enthusiasm for organic and inorganic chemistry.
12. Constructed and administered tests and exams to measure student learning.
13. Calibrated and maintained lab instruments, including pressure sensors, oxygen sensors, pH meters and barometers.
14. Designed and implemented course curriculum that reflected relevance of chemistry to everyday world.
15. Communicated frequently with parents, students and faculty to provide feedback and discuss instructional strategies.
16. Consulted with students individually and in groups to help students efficiently reach learning goals.
17. Leveraged varied instructional delivery modes to support student differences and learning styles.
18. Maintained current knowledge of chemistry and effective teaching methodologies.
19. Prepared plans, materials and activities for students to reach chemistry learning outcomes.
20. Attended [Timeframe] meetings to develop and maintain strong and vibrant instructional institution.