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| **Big Idea**  What is the big idea that the learner will walk away with at the end of the lesson that is critical for learners at this stage of their learning path? | **Learning Outcome(s)**  What specific things will the learner know or be able to do by the end of the lesson? | **Evidence of Learning**  What does learning look like for this objective? (e.g., accurate performance of a task, correct use of terminology) | **Assessments**  What will learners do to provide evidence of their learning? (e.g., a presentation, a test, a project) | **Learning Activities**  What learning activities will allow learners to acquire and practice the skills necessary to demonstrate their learning and complete the assessment successfully? |
| By successfully completing the lesson, learners would understand the concept of acid and base in chemistry. | Learners will be able to understand and tell what particles in a solution make the solution an acid or base. They will also be able to identify whether a solution is acid, base or mutual after knowing what’s in the solution. | The learning would involve the students watching animated videos about the particles in a solution so as to understand what makes the solution acid or base. Then they would see demonstrations of testing a solution and do the testing themselves. They would also be explained why these solutions are acid or base, or mutual. | Learners will be provided with a test to check whether they understand the concepts of acid and base. Then they would be asked to record an experiment to test 5 common solutions in their daily life and see whether those are acid or base, or mutual and explain what particles make the solutions acid/base/mutual. | The activities include conducting experiments, watching animated videos, listening to other learners experiment reports, and reading relevant materials. |