

## EXPERIMENTAL TEACHING METHOD: ENHANCING PERFORMANCE OF ALS LEARNERS IN SCIENCE

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Experimental Teaching methods are broadening opportunities for both teacher and learners. Experiments may be used to present latest ideas or to clarify complicated aspects of topics with which learners typically struggle. The possibility of learning new concepts through experiments is the primarily objective of this method. Experimental teaching method can give learners the freedom to select how they want to apply skills or help them discover their talents, interest and strengths.

Many researchers agree that traditional teaching methods are not sufficient in teaching different subjects specially Mathematics and Science, as they are not given chances of developing problem solving and critical thinking skills. In Experimental teaching method, learners were provided by different activities that could help them use their skills. It also helps learners improve their hand skills, make them more productive and increases active involvement. Studies also shows that this method can create a relationship between theory and practice, also that better retention and more meaningful learning was observe when applying this method.

Experimental Teaching Method is a vital part to developed the critical thinking and scientific skills of ALS learners. It may help the learners performed well in their Learning Strand 2 subject which is Scientific literacy and critical thinking. Experimental Teaching Method will be a big factor to achieve the ultimate goal of this learning strand which is to enable the learners to apply critical thinking skills and problem solving in daily life situations in order to improve their lives, as well as the quality of life of the people, the community and the country as a whole.

Experimental Teaching Method could be used for several ALS competencies specifically in Learning strand 2, Scientific Literacy and Critical thinking skills, it could create opportunities for ALS learners and teachers. It can promote enthusiastic learning and possibly learn new concepts while maintaining curriculum requirements. It will truly help in giving learners freedom to choose how they want to apply skills, can also help them discover their talents, interest and strengths.

There are several teaching methods to choose from. Teaching methods may vary in their approach, but choosing the appropriate method brings instruction to life while encouraging learners to actively engage with content and develop their knowledge and skills.

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