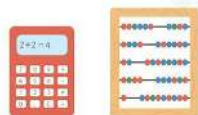


What are the activities?



- Each class has to do two STEAM (Science, Technology, Engineering, Art and Maths) activities.
- One Science fair project.



STEAM activities



These activities are hands-on and problem-solving activities that should make learners curious about Science. Each class will complete one activity per day in their in-school session. Please have a look at the activity allocated to you. These activities are chosen to fit your Science theme.

Materials- Please make sure you have all the necessary materials required and if not please complete an order form and give it to your coordinator to approve.

Time- In school days are very important and these activities should not take more than 45 minutes each.

Trial- Please familiarise yourself with your activities beforehand to ensure success.



Science Fair Project



Each learner should complete a Science fair project. A project has been allocated for each class.

The following steps must be followed to introduce and complete the Science Fair successfully:

1. Introduce the project to the learners during the week of 16th January. Give learners the background of the task and send a written instruction sheet home which includes what learners have to do and the success criteria.
2. Materials- The learners should be informed about what materials they should use.
3. Procedure- This is how they will conduct their experiment.
4. All learners should also receive a scientific investigation sheet to complete. This would include: the question, hypothesis, procedure, recorded results, conclusion and confirmation or disconfirmation of hypothesis. I have attached an example please change it to suit the level of your learners.
5. Their final product for the science fair project should include: An information board about their scientific investigation with their recorded data and a model to explain their project.
6. Learners are to present their projects to the class during their in-school days.
7. All projects must be placed in the designated area on the in-school day of the week of the 8th of February.



Information board



Model

MY EXPERIMENT

Directions: Use the scientific recording sheet to document your science experiment.

QUESTION or purpose: What do I want to find out?

HYPOTHESIS or prediction: _____

PROCEDURE How will I find out? (Step by Step) _____

RESULTS What actually happened: _____

Scientific recording sheet