

# In the Balance - Lesson Plan

## Goals:

Practice exploratory and deductive reasoning in the context of balance and weights.

## Commented description of materials to be used:

A two plate balance scale and weights are presented. The experimentation and handling of the material will predispose the user to feel at ease trying whatever strategies come to mind.

## Strategies:

Experiential and collaborative learning

## Suggestions:

- Grouping learners in teams of two or three people, depending on the total number of learners in the classroom.
- Discussion on their strategies and plans for the weightings. Encourage the sharing of ideas and collaboration.

## Appraisal / Evaluation of Students:

Do learners find the material fit for the activities suggested? Many similar problems can be implemented with the same material. These can be shown by monitors or even created by learners.

## Assessment of lesson:

People that go through this activity will show, upon completion of the exercises, whether they enjoyed learning the implied contents. Their will to try similar challenges, or lack thereof, should be registered as relevant.

## Closure:

Special attention should be given to the attitudes of the learners while exploring the activities of this module. The material used is fit for many exercises, we should learn by experience which are better suited for our learners.