

## Lesson\_Plan\_4

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<b>Subject:</b>	Chemistry
<b>Level:</b>	Sec 3
<b>Topic:</b>	Mole concepts
<b>Learning Outcome(s):</b>	a) define the terms relative atomic, isotopic, molecular and formula masses, based on the carbon-12 atom b) define the term mole in terms of the Avogadro constant c) calculate the percentage mass of an element in a compound when given appropriate information
<b>Students' Pre-requisites</b>	N.A.
<b>Total Duration of Lesson:</b>	60 min[no presence of teacher, home learning] Pedagogy : R2D2
<b>ICT tools used:</b>	Google site: <a href="https://sites.google.com/site/molever2/">https://sites.google.com/site/molever2/</a> Voki: <a href="http://www.voki.com/">http://www.voki.com/</a> Quiz: <a href="http://www.thatquiz.org">www.thatquiz.org</a>

Instructions given to students are on the home page of the site.

Topic	Duration	Work
Home & Learning Objectives	2 min	<b>READ</b> : instructions clearly before you proceed
Mole 1	15 min	<b>READ</b> : watch video <b>REFLECT</b> : discussion forum
Mole 2	10 min	<b>READ</b>
Quiz	8 min 30 s	<b>DO</b> : your participation will be taken as your attendance of the day. Take note that the quiz has a time limit!
Mole 3	20 min	<b>DISPLAY</b> : show your creativity by posting analogies to Mole