

**Term 2
Informal Assessment
Prospectus Novus School
Natural Sciences
Grade 8V**



Date received: 17 March 2020

Date of presentation: 14 April 2020

Total: 20 marks

**(Practical Activity-Matter and Material)
(Make a model of an atom)**

Name and Surname: _____

AIM: (What are you going to do?)

In this activity you will make a model of an atom using everyday materials.

MATERIALS: (What did you use?)

METHOD: (How are you going to make it?)

Step 1 Choose an element from the Periodic table.

Step 2 Write down the number of protons, neutrons and electrons of the element.

Protons _____

Neutrons _____

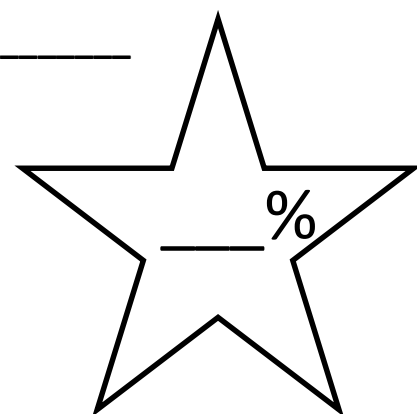
Electrons _____

Step 3 You must use 3 different materials that will represent the protons, electrons and neutrons of the element you have chosen.

Step 4 Label the protons and neutrons making up the nucleus.

Step 5 Label the electrons in space around the nucleus.

Step 6 Describe your model to the class. See rubric on how marks are given for description.



RUBRIC

0 MARKS	1 MARKS	2 MARKS	3 MARKS
Learner did not choose any element	Learner chose an element from the periodic table		
Learner did not hand in the presentation on time	Learner hand in the presentation on time		
Learner did not give the correct number of protons, neutrons and electrons of the atom	Learner give 1 of the correct number of protons, neutrons and electrons of the atom	Learner give 1 of the correct number of protons, neutrons and electrons of the atom	Learner give 1 of the correct number of protons, neutrons and electrons of the atom
Learner used 0 materials to make a model of an atom	Learner used 1 different materials to make a model of an atom	Learner used 2 or 3 different materials to make a model of an atom	Learner used more than 3 different materials to make a model of an atom
Learner did not use labels to explain the protons, neutrons and electrons of the atom	Learner used 1 label to explain the protons, neutrons and electrons of the atom	Learner used 2 labels to explain the protons, neutrons and electrons of the atom	Learner used 3 labels to explain the protons, neutrons and electrons of the atom
Learner did not present the atom to the class	Learner presented the atom vaguely to the class	Learner presented the atom good to the class, lack of confidence	Learner presented the atom excellent to the class, with a lot of confidence
Learner did not present the atom to the class	Learners presentation did not include the atomic number and the mass number	Learners presentation include the atomic number or the mass number	Learners presentation include the atomic number and the mass number
Learner did not present the atom to the class	Learners presentation did not include interesting facts about the atom	Learners presentation include 1-3 interesting facts about the atom	Learners presentation include more than 3 interesting facts about the atom

Total: 20 marks

Remark: _____

Teacher: Mrs. R Boshoff