CLASS-10 PHYSICAL SCIENCE

PROJECT WORK-9

<u>CLASSIFICATION OF ELEMENTS – THE PERIODIC TABLE</u>

Some items to be given as project work for class-10 students.

They can do any one of the following. The report should be in at least two A4 pages.

1. Collect the information about reactivity of VIII A group elements (noble gases) from internet or

from your school library and prepare a report on their special character when compared to

other elements of periodic table.

2. Collect information regarding metallic character of elements of IA group and prepare a report to

support the idea of metallic character increases in a group as we move from top to bottom.

3. Collect the information about the uniqueness / special properties of elements. Make a list in

tabular form.

4. Prepare a chart of elements having atomic number, Name of the element, Symbol,

Discoverer of that element and year of discovery.

5. Comment on the position of Hydrogen in Modern periodic table. And give reasons to support

your opinion.

6. Comment on the position of Helium in Modern periodic table. And give reasons to support your

opinion.

7. Prepare a PPT on the periodic table of elements.

8. Prepare a PPT that shows the properties of elements shown in the periodic table.

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