

PROJECT WORK- 8
STRUCTURE OF ATOM

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 regarding wave lengths and corresponding frequencies of three primary colours Red, Blue and Green.

2. Collect the information about electro magnetic waves like production, range of wave lengths and their uses.

3. Collect the information and photographs about the emission spectrum, absorption spectrum. Also collect about continuous and discontinuous spectrum.

4. Make a model to show the stationary and sub stationary levels in an atom by using strings or cycle wheel folks or threads.

5. Make the clay models of s, p and d- orbitals.

6. Make a model of Moeller chart by using card board and thermocole. Use magnets to show the filling of electrons in orbitals.

7. Collect the information of historical development of the atomic theory.

8. Collect the information about the scientists who developed the atomic theories.