

**Theme:** The structure of atom.

**Main purpose:**

- to have an idea of atom;
- to have an idea of Thomson's atomic model structure; to study Rutherford's experience;
- to have an idea of atomic measure.

**Teaching aids:**

1. A text - book on physics 9-class.
2. A poster of Thomson's atomic model structure.
3. A poster of Rutherford's experience.

**Teaching materials:**

- Cards on which are written terms and notions.

**The main idea of lesson:**

- The invention that atom has a sophisticated structure;
- Thomson's idea who invented electronic on the first atomic model;
- Hydrogen atom radius.

**The block drawing of the lesson**

No	Levels	Time
1.	Organization part	2 minute
2.	Introduction	3 minute
3.	The teacher's lecture on a new theme	20 minute
4.	Work in groups	15 minute
5.	Conclusion	3 minute
6.	Homework	2 minute

**I. Organizational work.**

**To hold a lesson:**

1. Notion of atom is learned in the electric, molecular physics
2. What may give us the learning of atomic structure.
3. "Semulation" method is in the learning atomic structure.
4. Planetary atom model.

Good afternoon children!

- 1) What date is it today?
- 2) What was the homework for today?
- 3) What studies atomic physics?
- 4) What is the first planetary models of atom which was invented by Tomson?
- 5) What is consisted in Rezerford's experience?
- 6) How is atomic planetary model made up?
- 7) How is the nucleus of an atom made up?
- 8) What do you know about nuclear energy?
- 9) Where uses nuclear energy?
- 10) What do you use nuclear energy for?
- 11) What do you know about the development of nuclear energy in Uzbekistan?
- 12) What do you know about the development of nuclear energy in Uzbekistan?

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Davlat umumta'lim maktabi  
fizika fani o'qituvchisi  
Mirmusayeva Xolidaning fizika  
fanidan ingliz tilida ishlangan  
bir soatlik dars ishlanmasi

Mavzu: Atom fizikasi.

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