

USING THE "MATHEMATICAL MARKET" GAME IN BIOCHEMISTRY CLASSES

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This exercise can usually be done in review lessons at the end of a larger unit or chapter. After completing a chapter, the teacher prepares questions on flashcards related to the material covered in the chapter. 2-3 questions of different difficulty are written on each card, and a "price" is set for each question depending on the level of difficulty (for example, 50 soms, 100 soms, 200 soms,...). The number of cards is based on the number of students in the class. Pupils are divided into groups of 4, in which on average 3-4 groups can be formed in the class. Therefore, it is necessary to prepare 3-4 cards from each card according to the number of groups. 4-5 types of cards are enough (12-16 cards in total). Each group will receive one of the cards, that is, each group will have 4 or 5 different cards, the "prices" should be indicated on the cards for each question (question).

Option 1	
1. Task	100\$
2. Task	150\$
3. Task	200\$

If a group performs the tasks of the 1st option as a unit, it shows it to the teacher, and the teacher checks the solution and writes down the money earned by this group in the table prepared on the board. 25 soms will be deducted from each assignment for the group that worked on the same option 1 next. In this way, groups try to solve as many tasks as possible and as quickly as possible and collect more money. The fact that the tasks in the options are varied and of different prices helps to make the training interesting.

After a certain time (for example, after 30 minutes), the "market" is stopped, and the teacher calculates the money collected by the groups using a table. Numbering the groups or they themselves can choose a name for the group. The group with the most money will be the winner, and the other groups will be given places. The teacher monitors the work done by the groups, and if any group had difficulty in completing a task or was unable to complete it, the groups that completed the task can show the solution on the board. If each group could not complete a task, the teacher himself can show the ways to solve this task and learn the need to work on such questions.

Then the teacher evaluates the students according to the money collected by the groups. In the five-point system, 5 points can be assigned to the students of the group that collected the most money, 4 points to the next 2 groups, 3 points to the next 1 group, etc.

The final table

	Task 1	Task 2	Task 3	Task 4	Task 5	Total	Level	Points
Group 1	500	425						
Group 2	425	350						
Group 3	350	500						

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