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A teacher's idea of a contemporary educational technology

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Contemporary educational technologies

- New educational paradigm leads the development of contemporary educational technologies.
- The full model of a contemporary educational technology consists of 3 parts:
 - Goal setting;
 - Process part;
 - Assessment part;



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My idea of a contemporary educational terminology

- In my pedagogic work I use as a very effective didactic technology the **group organization of summary lessons** after studying a certain set of topics.
- In my work I use the same technology with small modifications also for lessons for introduction **new knowledge**.



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Goal setting process involves the following steps:

- Formation of groups;
- Organizing a fun game with a competitive element;
- Presentation of the objectives of the lesson;
- Updating the knowledge of the studied section;
- Put written task for each group;
- Setting of rules for group work;
- Announcement of the time for individual work;
- Independent group work of students;
- Presentation of the work of the group;
- Summarizing the results of the work;
- Evaluation of the performance of the groups;



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Formation of groups

- I divide the students in groups randomly. Usually four groups of students are formed. Each group is composed of 5 to 7 students.
- I prefer groups to have permanent staff. In this way in the course of group work team members have the opportunity to better understand and properly distribute activities for performing assigned tasks:
 - students who read the information from the book;
 - students who summarize and analyze;
 - students who present the summarize information on a poster;
 - students who fill in tables, draw pictures, etc.;
 - students who present the group work in front of the class)



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Organizing a fun game with a competitive element

- Solve the riddle /composed by me/, crossword, puzzle arrangement etc.
- This is a way to motivate students to be ready for team work.
- The choice of the fun task is with a concept that is related to the topic of the summary lesson in Biology.
- I write on the blackboard the topic and plan of the lesson.



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Presentation of the objectives of the lesson

- Overall and specific objectives of the lesson are written on a poster - thus at the end of the lesson students have the opportunity to re-read them and judge for themselves how and to what extent they have achieved them.



Updating the knowledge of the studied section

The update of the knowledge is usually practiced in the form open discussion with students.





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Put written task for each group

- I write on a poster tasks for each group in advance.
- The number of tasks is usually 2 for each group. They have a short and clear formulation and are related to specific part of the summary section.
- Tasks are designed as separate logical and semantic items of study material for a certain section.



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Setting of rules for group work;

- Listen to each other!
- Do not offend!
- Do not mock!
- Do not judge!
- Speak clearly and concisely!
- Every idea is valuable!
- Listen to what the other say without interrupting!
- Strive for consensus!



Announcement of the time for individual work

Usually the time I give for work of groups is 15-20 minutes.





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Independent group work of students

- Discussing of tasks;
- Individual work of the groups - summarizing information, marking schemes , filling tables, etc.
- Reaching a final decision;
- Making a poster;
- Select a speaker - speakers must be different every time.



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Presentation of the work of the group

- The decision of each task is represented by the speaker of the group.
- All answers of all groups are listened carefully.

Summarizing the results of the work

- Fix errors that may have occurred in the work of the groups.
- The teacher reminds students the objectives and aims of the lesson.
- Teacher and students together consider if the goals are achieved.

Evaluation of the performance of the groups

- Evaluation is performed following pre-announced criteria:
 - scientifically correct information;
 - originality;
 - presentation.
- The maximum score for each criterion is 2. Maximum number of points that each group can get is 6.
- Any violation of the accepted rules takes away 1 point from a score.
- I write the results of the group work on the board.
- At the end of the school term I announce the winning group.



Motivation





Education and Learning





Evaluation

