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OF INTERACTIVE METHODS IN TEACHING THE TOPIC OF THE STAR FAMILY IN HIGHER EDUCATIONAL INSTITUTIONS.

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ANNOTATION:
This article analyzes the effectiveness of using interactive methods in teaching the topic "Lamiaceae family" in higher education institutions. The role of methods such as cluster, memory, case study, and blitz survey in developing students' biological thinking, independent analysis, and ability to defend their scientific perspective is highlighted.

Keywords:
Lamiaceae family, interactive method, cluster, case study, memory, biotechnological approach.

Today on the day supreme education in the system lesson processes traditional lecture from the form interactive, competency-based directed education technologies transfer step by step done Education The " knowledge - skills - competence " model required in the standards based on biology sciences teaching, especially in the “Lamiaceae family” practical importance has topics deep and active mastery current from issues is one.

Lamiaceae family representatives – rosemary, mint, basil, thyme, sage such as plants not only pharmaceuticals, food industry and perfume in the fields wide application, maybe biotechnology, medicine plants agrotechnology according to modern scientific research also important for object Therefore, this the topic in teaching student's active participant as to the process introduction, analysis to do, question to give and practical idea to report education efficiency noticeable at the level increases.

So, interactive methods based on built lesson is this just information to deliver not, maybe student's thinking activity management, scientific the speech develop and him/her future pedagogical or scientific to activity preparation is a tool.

Memory activation) method is method students type and sign their names fast in mind save, repeat return through reinforcement for the purpose is used. Mint friends family representatives Latin names, ether oils types, pharmacological importance remembering while staying very useful

Teacher slide via Rosmarinus officinalis – Rosemary – essential oil like 1.3% encoded records gives. Students every one plant 3 main ones for the sign memorize, one minute blitz - talk through saying gives. " Remember stay – explain – to another " teach" chain based on in pairs work recommendation is being done.

1	**2**	**3**	**4**
5	**6**	**7**	**8**
9	**10**	**11**	**12**

13	14	15	16

1. rosemary	2. camphor	3. fruit	4. spice
5. Fragrant	6. rosemary	7. vitamin	8. fruit
9vitamins	10bushes	11camphor	12spices
13. bush	14. Fragrant	15. in vitro	16. in vitro

Questions :

1.6 - QUESTION. Rosemary's scientific name what?

Question 2.11. Rosemary's composition from what consists of?

Question 3.8. Rosemary's vital shape?

Question 4.12. Rosemary in cosmetics what for the purpose used?

Question 5.14. Rosemary plant description give?

Question 7.9. Rosemary contains how vitamins there is?

Question 10,13. Rosemary's to the light demand how?

Question 15,16. What is rosemary? root to the system have?

Answers :

1.6. Rosmarinus officinalis. 2.11. Rosmarinic acid, vitamins, camphor, pinel

3.8. Bush, 4.12. hair and skin Rosemary (Salvia rosmarinus, formerly Rosmarinus officinalis) is a plant in the mint family (Lamiaceae). Belonging, pleasant fragrant fragrant, always green bush plant., 7,9. B, 10, 13. Lovely, 15,16. Arrow root

“Why? ” method (Analytic question and answer method) - This method in students causal biological thinking to form service the goal is to just remembering stay no, why exactly is that so? to the question answer find through scientific approach to form.

Method main purpose: student logical biological thinking development, scientific idea to say and explanation competence is to form.

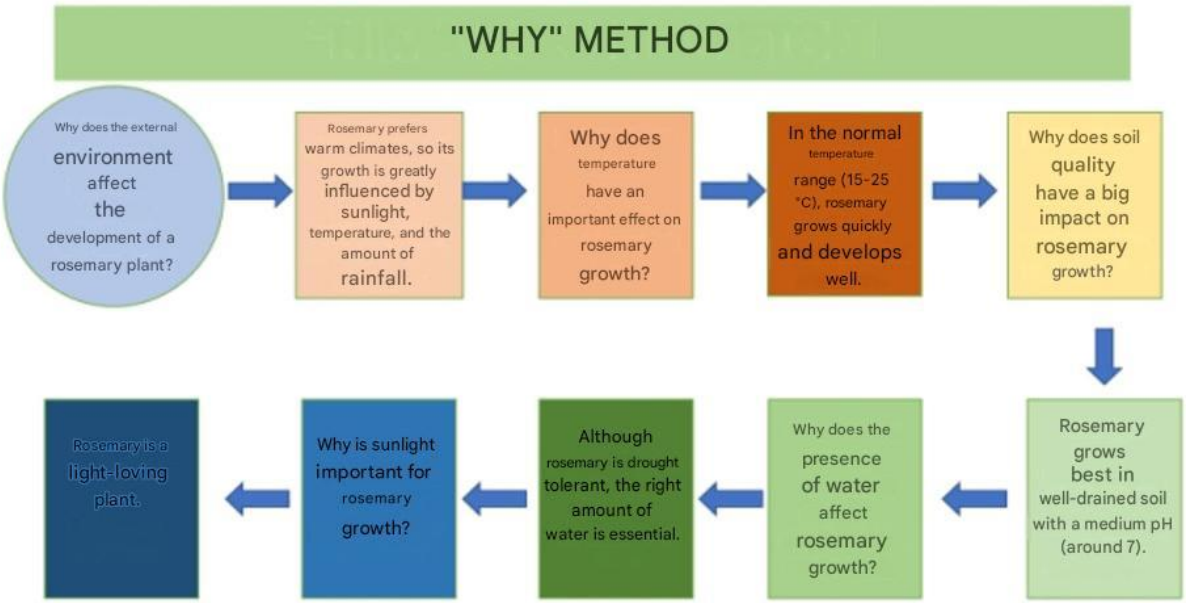
Biology in teaching application sample:

1.Why? mint friends family representatives leaves strong smelly?

2. Why? rosemary ether oils high at temperature will it break down?

Student every one to the question fact + scientific comment in the form of answer gives.

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Conclusion as in other words, "The Mint Friends", "family " topic interactive methods based on to teach is just knowledge to give process not, maybe student's analytical thinking development, scientific question to give and reasonable answer return culture to form aimed at effective pedagogical This is an approach. Methods in students biological concepts deep understanding, thought scientific justification, explanation, in a group work and own position protection to do competencies as a result, the subject theoretical from memorization out, practical - biological analysis at the level is being changed, this and modern supreme education requirements full suitable is coming.

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