**СӘЙКЕСТЕНДІРУГЕ ТАПСЫРМА « Дұрыс формуласын тап»**

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| **Date:**  | **Teachers name:**  |
| **Grade: 9 «Zh»** | **Number present: 26** | **absent:** |
| **Theme of the lesson:**  | **The importance of carbohydrates, proteins and fats in the human body.** |
| **Lesson objectives** | 9.4.1.2 - determine the role of organic matter in the human body;10.2.4.2- ensuring the pronunciation of chemical formulas |
| **Learning objectives**  | **All learners will be able to**: Students know the importance of carbohydrates, proteins and fats in the human body.**Most learners will be able to**: Students know how to classify carbohydrates, proteins and fats.**Some learners will be able to**: knows and can write the formulas of carbohydrates, proteins and fats. |
| **Success criteria** | **Learners knows the benefits and harms of carbohydrates, proteins and fats in food** |
| **Plan** |
| **Planned timings** | **Teacher’s activities**  | **Pupil’s activities** | **Strategies**  | **Resources** |
| **Beginning** **3 min.** | **Organizational moment:****Teacher greets students. Good morning dear children! How are you today? Who is absent today?** **Checks the students’ presence. Asks about date and day of the week.** **Teacher divides students into five groups.** **And introduces rules in group work.** **- Respect each other’s ideas****- Respect the other group members****- Don’t interrupt each other****- Everyone’s opinion should count****- Help each other to understand all concepts****- Keep an open mind****Be happy in the group you are in.**  | **Students respond to greeting and take their places.** **Students choose color and team according to chosen color.**  | **«The praise» method is used to evaluate students with phrases like – Good job! Well done!** | **Presentation** |
| **Planned timings** | **Teacher’s activities**  | **Pupil’s activities** | **Strategies** | **Resources** |
| **Middle****5 min****10 min****5 min****5 min****10 min** | **Teacher introduces lesson objectives.** **Works with a glossary by the "balloon" method. Terms on past topics are presented.****The teacher presents a video on the topic.****«Identification» method** **The teacher provides students with a table with pictures of different foods.****How to write chemical formulas.****There are several formulas depending on the topic of the lesson.****«Complate the picture» method.****The teacher hands out pre-prepared handouts to students. Each group is given an individual task.** | **Students accept lesson objectives.****One student from each group blows a ball, saying the terms, and the group with the largest ball wins.** **Learners Students watch the video and recall their past knowledge.****Students divide the picture into three groups using the picture provided. they are carbohydrates, proteins, fats.****Finds the correct formulas by saying their English names. Identifies formulas.**

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|  **Құрылымдық формула**  |  **Қазақша атауы**  |  **Ағылшынша атауы** |
| **Фруктоза****C6H12O6** | **Глюкоза**  | **Glucose** |
|  | **Белок** | **Рroteins** |
| **C6H12O6** |  **фруктоза** | **Fructose** |
|  | **Май** | **Fats** |

Descriptors:*Білім алушы*− кестеге нәруызды формуласын біледі− кестеге көмірсуды жіктейді;− кестеге майды жіктейді;− кестеге дәруменді жіктейді.**СӘЙКЕСТЕНДІРУГЕ ТАПСЫРМА « Дұрыс формуласын тап»**

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| **Көмірсулар формуласы**  |  **Аталуы**  |
| **С12 Н22Оп;** | **Стеорин қышқылы** |
| **С17Н35СООН** | **Глюкоза**  |
|  **(Сб Н10 05)п;** | **Олеин қышөылы** |
|  **С6 Н12 06;** |  **Крахмал**  |
| **С17Н31СООН** | **Сахороза**  |

**Дескриптор***Білім алушы*− кестеге глюкозаның формуласын біледі− кестеге көмірсуды жіктейді;− кестеге майды жіктейді;− кестеден дисахаридтің формуласын таба алады**Make a poster on a given topic, and defend it.** | Descriptors:-can pronounce terms correctly;-can translate terms correctly;-does not repeat the terms spoken by the other group.Max score: 5Question and answer Descriptors:-knows what foods are high in protein, carbohydrates and fats;-knows the English translation of food using the given pictures.Max score:4Descriptors:-students can use the given formulas effectively;-сan pronounce formula names correctly;Max score: 5Descriptors:can reveal the content of the lesson;can effectively use the proposed term words;can explain the topic given during the defense of the poster;Max score: 5 | **Presentation****balloons, glossary**[**https://www.youtube.com/watch?v=d6085sLXCMs**](https://www.youtube.com/watch?v=d6085sLXCMs)**Presentation** **Presentation,****Mendeleev table.****Presentation,****posters, handouts** |
| **End****3 min.** | **Reflection and Feedback .****«two stars one wish»****H/t: memorization of terms, writing an essay on "The role of organic and inorganic substances in the human body."** | **Ss raise the color they choose and captains tell their opinion and rate members.**  | **Stickers and comments** |  |
| **Additional information** |