**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.**   |  |  |  | | --- | --- | --- | | **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»**   |  |  | | --- | --- | | **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: 5  Question 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:4  Descriptors:  -students can use the given formulas effectively;  -сan pronounce  formula names correctly;  Max score: 5  Descriptors:  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** | | | | | | | | |