

Муниципальное общеобразовательное учреждение
«Средняя школа №37 с углубленным изучением английского языка»

**Технологическая карта урока английского языка в 6 классе по теме
«Путешествие по координатной плоскости» в соответствии с ФГОС
с элементами предметно-языкового интегрированного обучения**

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Ярославль 2021

Good morning, students. At the beginning of the lesson I`would like to remind you of the letter from Oscar I gave you as the home task for our today`s lesson. You`ve read it and now you know what Oscar asks you about. (He wants us to help him to find different routes for him to visit theatres).That`s right.

Look at the blackboard, you`ll see the picture of coordinate plane. We`ll create routs for Oscar on coordinate plane. On your desks you see some stripes of paper. Put them in the correct order and then say aloud what the aim of the lesson is.

The aim of the lesson is: To create routes for Oscar to visit theatres, on the coordinate plane.

- To learn the words to the topic
- To know how to find coordinates of the point
- To be able to plot points on coordinate plane

Look on the screen. Repeat them several times. Look at the pictures and repeat

Coordinate plane; X axis Y axis; point; x- coordinate; y -coordinate; ordered pair; plot; origin; a segment; point of intersection; equation; segment; point of intersection

Task1. You have to guess the name of the Theatre you are going to take Oscar to.

To do it you`ll do sums. The answer to each some is the definite number. Each number that is the answer stands for a letter of the English Alphabet.

Instructions to Task 1.

1. Do sums and find the answer.
2. Match the answer to each sum with the letter of the English alphabet.

They say aloud where they`ll take Oscar, to what theatre.(1-Volkov 2-Puppet 3-Chamber)

Let`s pass over to task 2

Task 2. We have to meet our friend at the railway station and plot this point on our coordinate plane.

Instructions to task 2:

Group 1, 2 3

1. Plot 2 segments AB and CD. A (15;1) B (20; 4) C(13;6) D (18;1)
2. Find the point of intersection of the segments AB and CD
3. Plot this point on the coordinate plane

The answer is (17;2)

Task 3. We have met Oscar at the railway station and now let`s take him for lunch. You have several ordered pairs with the definite x and y coordinates. On your sheet of paper where you see coordinate plane find the letters with these coordinates and these letters will be the name of the café you`ll take Oscar to. The last letter will be the point for the place you are going to take Oscar.

Instructions for task 3.

1. Find letters with the following coordinates.
2. Make the name of the place you are going to take Oscar for dinner.
3. Plot the last point on the coordinate plane.
4. Transfer it on the flipchart of your group.

Each group is supposed to pronounce the name of the café or a restaurant.

1 group: Burger King (6;2)

2 group:Bazar (3;2)

3 group: Mama Mia (5;2)

Task 4. After having meals, we have to take Oscar around our beautiful city. You have to plot the points on the coordinate plane. These points are the places of interest you`ll take Oscar around.

Instructions for task 4.

1. Solve equations and find either x or y coordinate
2. Plot this point with the necessary coordinates on the coordinate plane
3. Do not forget to transfer the point on your flipchart

Task 5. It is the last task for you. You have to plot the point of the theatre you are going to take Oscar to on the coordinate plane.

Instructions to task 5.

1. Solve the problem and find x and y coordinates of the point
2. Plot this point on the coordinate plane
3. Do not forget to transfer the point into your flipchart

Task for the 5 task:

Group 1.

During the 1 day Carlson ate 10 jars of jam. During the 2 he ate 3 jars less. How many jars of jam did Carlson eat during the 1 and the 2 day.

How many jars of jam did the Kid eat if he ate 6 jars more than Carlson.

The answer (17;23)

Group 2.

The length of Mary's rope is 34 meters. She cut off half of it. What length of the rope did she cut off ?

Al ex's rope is 7 meters shorter than Mary's. What is its length?

The answer (17;24)

Group 3:

5 passengers got out of the bus and 11 got on at the 1 stop.

3 passengers got off and 9 got on at the 2 stop. How many passengers are there in the bus now if we know there were 5 passengers in the beginning.

How many passengers were on the tram if we know that there were 7 people more than on the bus.

The answer (17;24)

Instructions to task 5:

1. Solve the problem and find the answer. The 1 answer is x -coordinate, the 2 –y coordinate
2. Plot the point of the theatre with these coordinates on the coordinate plane
3. Do not forget to transfer it on your flipchart

Task 6:

Draw the part of the building of the theatre you are going to take Oscar using squares of the flipchart.

Reflection: go to PollEv.com, type annaivanova271 and the answer to the question What have you learnt at today`s lesson