Scenario

Subject: Science/Biology

Target group: 6th-grade students

Topic: SHIP AMONG THE FJORDS

General aim

* European countries: getting acquainted with the natural environment of Northern Europe
* Social and economic changes in Europe

Operational objectives

* Identifying the largest and smallest countries in Europe and locating them on a political map
* Analyzing population structure based on an example age and gender pyramid
* Presenting the functions of agriculture as an important sector of the economy in Europe
* Comparing the terrain features of different European countries
* Understanding bird adaptations for flight
* Preparing a simple, healthy sandwich

Lesson description

Health Care

I. Introduction

1. How does a person travel? Give examples.

- How to maintain hygiene during travel?

Hygiene does not mean covering up the problem but eliminating it. What to pack in your backpack? Moist hand wipes with antibacterial solution, intimate hygiene wipes, moist toilet paper, refreshing moist wipes, dry shampoo, toothpaste, flip-flops, and an absorbent towel.

2. Meals are important during travel. Martyna Wojciechowska, a journalist and travel enthusiast, once showed what she brought on a train journey. She packed food in plastic containers, including separately packed seasonal fruits such as peaches, strawberries, and slices of chopped melon. The second container contained cucumbers, radishes, portions of bell peppers, and chicory leaves, along with rye bread.

3. "Cuisine and Meals/Historical Ships" - article, food on historical ships in ancient times, interesting facts

II. Development

"Ship Among the Fjords" - project, group work

During the class, we will prepare a project that will be presented in the form of an EXHIBITION, for younger children and parents.

The aim of this task is to showcase Norway, its natural environment, inhabitants, traditions, Norwegian cuisine, and to introduce the topic of what learning looks like in Norwegian schools.

1. To begin with - brainstorming, gathering ideas for the project; what topics should be addressed:

- placing Norway and other Scandinavian countries on the map of Europe and their natural environment (plants and animals)

- how fjords were formed? (fjord from clay)

- inhabitants and their culture

- country's economy (industry, agriculture)

- Norwegian cuisine

- Norwegian schools

- landmarks of Norway

- preparation of exhibition boards, invitations to the exhibition, decorations, snacks and drinks table, Norwegian music

2. "Norwegian Fjords" - excerpts from a film

3. Preparation of workstations - each table deals with a different topic, children use computers,

- children independently decide which topic they want to focus on,

- they divide into groups to work on the above-mentioned issues,

- they organize their workspace independently, i.e., necessary materials and access to a printer,

- they carefully and aesthetically prepare their studies,

- they stick ready information and photos on a given topic on Bristol board cards; 7 topics, i.e., 7 Bristol board cards,

4. The teacher helps in case of difficulties.

5. Children organize the exhibition space; they decide where and what should be, how to make decorations, design and make invitations to the exhibition; prepare a few pieces of music from this region,

6. Finally, they must plan a small refreshment for the guests together, as well as prepare small, healthy snacks and drinks (sugar-free),

- using various sources of information,

7. It is possible to document the stages of creating the exhibition - photos or a short film as a memento.

III. Summary

1. How do animals withstand low temperatures?

2. How have birds adapted to flight?

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Fjord - model

On a rigid base and based on a photo of a fjord, we try to make a model of a fjord. For work, we use clay or plasticine; we form high, steep cliffs, the valley must be long, somewhat winding, the bottom of the valley is water - in our model, blue foil will serve as water (a blue trash bag).

Ships sail on the waters of the fjord - we can make a tiny boat from a walnut shell or a bottle cap; we glue a small ball of plasticine to the bottom of the boat, into which we insert a toothpick with a sail - we attach a small paper triangle to the toothpick, which will be the sail. And it's ready.

Individual work

1. Find information about the Icelandic horse and the Fjord horse.

- write down interesting facts in a notebook,

2. Make a postcard from Norway.

3. Aurora - beautiful colorful effects

- see on the Internet what the aurora looks like

Worksheets

1. Tasks

2. Recycling ships - make any ship.