

Брейн-ринг «Покорение Арктики» для обучающихся 9-10 классов,

посвященный Году экологии в Российской Федерации

(в рамках работы сетевого сообщества школ г. Оренбурга и Оренбургской области)

Задания

I. The Arctic Quiz. Answer the following questions:

1. What does the Arctic consist of?
2. What are members of the Arctic Council responsible for?
3. Where does the word «arctic» come from?
4. Are visas required when you travel to the Arctic?
5. What is *Fram* famous for?
6. Who claimed to be the first person in the recorded history to reach the North Pole?
7. What event happened in the North Pole in October, 2013 for the first time in the history?
8. What was the first icebreaker to reach the North Pole?
9. What bird migrates every year from the Arctic to the Antarctica (a 25000 mile trip)?
10. Are there any indigenous people in the Arctic? Who are they?



II. Watch the video (link: <https://yadi.sk/i/ZtFAG2Mt32d78S>) and answer the following questions. In each question you are to choose from one to several answers which you consider correct. Sometimes you would need to write an answer yourself.

1. Russia's interest in the Arctic has both economic and security dimension. What main steps is Russian president Vladimir Putin going to take?

- A. Moving military bases closer to the region.
- B. Rebuilding a naval base on the Kotelny island.
- C. Creating sea routes for warships.
- D. Restarting naval patrols in the Arctic.
- E. All answers are correct.
- F. There are no correct answers.

2. Define the starting point of a convoy which passed to Kotelny Island through the Northern Sea Route. Answer the questions:

- A. Starting point: _____
- B. Distance: _____
- C. The quantity of warships in the convoy: _____

3. Five years ago the Northern Sea Route wasn't used at all, but nowadays it is an important transit corridor for commercial shipping due to:

- A. Warmer summers.
- B. Easier access.
- C. Melting of the Arctic ice.
- D. All answers are correct.
- E. There are no correct answers.

4. Russia is not the only country interested in the Arctic resources. Name countries which showed their interest in the Arctic offshore oil and gas and put them in the right category:

- A. Arctic littoral countries _____
- B. Countries desperate for energy _____

5. What are the main hurdles to Russia's plans for the Arctic?

- A. The lack of infrastructure in the Arctic.
- B. Growing military interest in the Arctic of other countries.
- C. Developing cost-effective hydrocarbon deposits.
- D. Lack of necessary funds.
- E. Lack of the economic viability of the northern sea route due to the need to use costly ice breakers and limited seasonal access.
- F. All answers are correct.
- G. There are no correct answers.

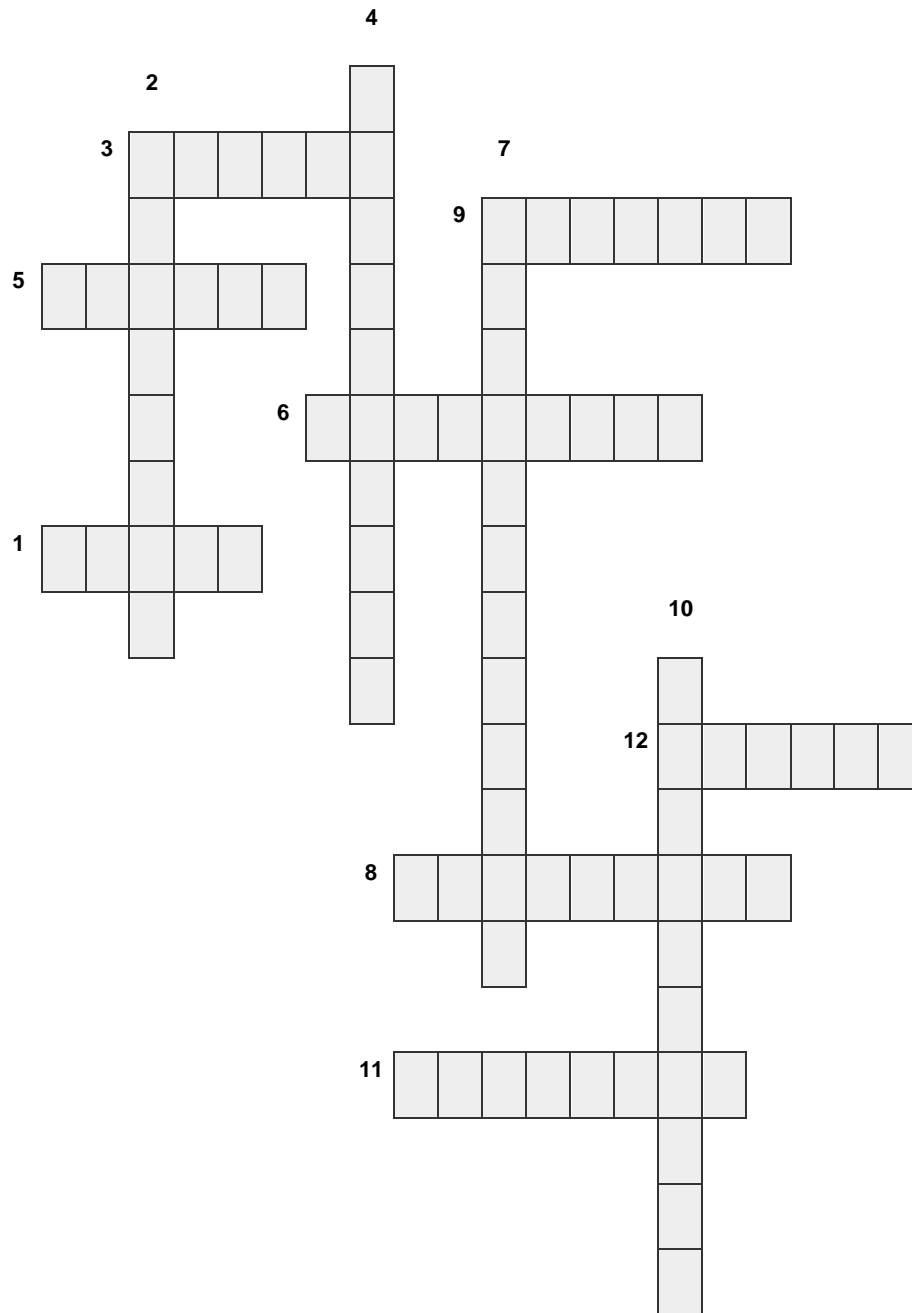


III. Write the sentences about the Arctic:

1. Faces / future / development/ oil and gas/The Arctic /in key/ an uncertain /areas/due to.
2. Throughout / the Arctic/ on /fish/People/ depend.
3. change / caused /undergo /dramatic / by / seas / transformations / climate / Arctic.
4. rest /warming /Arctic /is/ The / surface / as/ and /as/ the/ disappearing/ of /the/ planet / fast /the/ / white/ twice / of /polar/ ice/ is/ bright.
5. Land/Some/sometimes/areas/experience/in/+30°C/summer
6. By/climate/of/the/Arctic/is/The/influenced/the/ocean water,/never/is/which/below +2°
7. Warm / keeps/ water/coldest /This/ the/ Pole/ from/ North/ being/the/ place.
8. we / the/ ice / warms,/ As / startling /seeing /a / are / sea / of/ Arctic/ loss / planet.
9. The/ the / acidic / result/ from / warmer /burning/ of/ fossil / also / a process/ that/ fuels, / waters /the/ Arctic/ makes /more/ temperatures.
10. made / navigation / Shipping / season / by/ water /longer/ easier / of/ open/ a / for / is/



IV. Solve a crossword puzzle:



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|---|---|
| 1. Illegal, unregulated fishing or overfishing at sea | 7. The same as “protection” |
| 2. The state or fact of continuing to live or exist | 8. A community of living organisms |
| 3. Kind of fish providing nourishment to other wildlife | 9. Arctic reindeer |
| 4. Native person | 10. A cultural tourism |
| 5. One of the most productive marine regions (sea) | 11. Away from or at a distance from the coast |
| 6. Synonym to “destroy” | 12. Valuable mineral in the Arctic region |



V. What is your opinion? Comment on the following statement:

Oil and gas development in the Arctic: the demands of the market vs threats for the environment.

Write 150-200 words. Use the following plan:

- make an introduction
- express your personal opinion and give 2-3 reasons for your opinion
- express an opposing opinion and give 2-3 reasons for your opinion
- explain why you don't agree with opposing opinion
- make a conclusion restating your position.

