











<p>You take flight from U. S. National Science Foundation, New Zealand on a military cargo plane to McMurdo Antarctic station. You land on an ice runway. Let the search for meteorites begin! All potential space rocks are placed in sterile bags, frozen and carefully shipped to Antarctic Meteorite laboratory.</p> <p>Profession: Geologist Score at least: 9</p> 	<p>You are recreating the Robert Scott's polar expedition from 1911 but with modern equipment. What is on today's menu? Your options are porridge and cream, protein snacks and chicken curry with added fat. It is important to stay hydrated by drinking carbohydrate and electrolyte drinks (6000 calories every day).</p> <p>Profession: Climatologist Score at least: 7</p>	<p>You are in year 1911, it is winter and it is lunch time! Dried beef and fat with water is on your menu.</p> <p>Profession: Adventurer Score at least: 7</p>	<p>You are on a plane with sea ice scientist. She asks you, what the difference between sea ice and land ice is. – Sea ice is frozen seawater that floats around on the ocean, and land ice is snow that is compacted over many years and turns into ice. Sea ice is salty, while land ice is fresh.</p> <p>Profession: Geologist Score at least: 9</p> 
<p>You fly 457 m above surface in NASA P-3B plane. Team on board use laser to measure thickness of ice cap and collect thousands of high-resolution photographs, where white represents thicker ice, grey thinner ice and black or navy color represent open waters.</p> <p>Profession: Geologist Score at least: 11</p> 	<p>Penguins are spotted sunbathing on the coast in the misty morning. They are Arctic penguins. Wait, are they? Answer is no, because they only live in some parts of Antarctica. Do you know who takes care of baby penguins? Fathers do! 7 species of penguins live on and around Antarctica.</p> <p>Profession: Biologist Score at least: 7</p> 	<p>Flying with DC-8 is not as pleasurable as a scenic flight above Grand Canyon at all. Turbulence and motion sickness are very common inconveniences. Wait one turn before you continue with your campaign.</p> <p>Profession: Adventurer Score at least: 9</p>	<p>Your mission of collecting and calibrating data while flying up and down above Antarctica is going great – you can throw dice one more time.</p>
<p>You are in Ross Desert, Antarctica and meet a group of young astronauts training for space missions. They are adapting to extreme conditions such as isolation, low temperatures and lack of sunlight (essential for production of vitamins) in winter.</p> <p>Profession: Adventurer Score at least: 11</p> 	<p>Did you know that average temperature in Antarctica lies with -51 °C and that the lowest temperature ever measured in Antarctica was -89,2 °C at Wostok soviet station? To survive these extremes, good physical condition is a huge advantage.</p> <p>Profession: Climatologist Score at least: 11</p>	<p>Success! Microbial trace fossils formations were found in the Ross Desert. This suggests that something similar could have formed on Mars. Your mission is to observe the microscopic structures.</p> <p>Profession: Biologist Score at least: 9</p> 	<p>You fly to Antarctica with a mission to prevent poaching. Many elephant seals have been killed for their fur and blubber. During your stay, you spot a hunter without a permission and therefore save a colony of animals. Great job!</p> <p>Profession: Biologist Score at least: 11</p> 

<p>Ocean exploration by ship has begun! Your job is to measure the state of the ocean and sea ice by different chemical analyses.</p> <p>Profession: Biologist Score at least: 7</p> 	<p>We have 4 seasons. Did you know, that Antarctica has only 2 – summer and winter?</p> <p>Profession: Climatologist, Geologist Score at least: 7</p>	<p>It is Sept. 15 2018 – special day for everyone – NASA land Elevation Satellite-2 (ICESat-2) launch. Scientists will be able to obtain data from the spacecraft's advanced laser to create detailed maps of sea ice thickness in both: the Arctic and the Antarctic areas. Information will help scientists understand how the sea ice loss affects the ocean and atmosphere.</p> <p>Profession: Climatologist Score at least: 9</p> 	<p>A group of climate change deniers organize a rally and prevent your project to be funded. Wait one turn.</p>
<p>As you walk out of the building at research station, you witness an extraordinary phenomenon – HALO. It is a result from light interacting with ice crystals in the atmosphere and due to unique atmosphere conditions it is best seen in Antarctica. Many halo types have only been observed from the South Pole.</p> <p>Profession: Climatologist Score at least: 9</p> 	<p>Together with other explorers of early twentieth century you went on an expedition to discover new Antarctic places. Your strategy looked much different than today – started off with a large number of men (your group of 10) who gradually went back to base having pulled most of the heavy equipment, the actual Pole team (5 members) didn't have as much to pull.</p> <p>Profession: Adventurer Score at least: 11</p> 	<p>Eureka! You have found water under the ice sheet! Did you know that in Antarctica, there is geothermal heat source called a mantle plume? It is special, because the hot rock comes directly through the earth mantle and spreads under the crust and causes it to arch.</p> <p>Profession: Geologist Score at least: 11</p> 	<p>It is your first time in Antarctica – what an isolate place! No air handling equipment no leaves rustling, no bus, no planes, and no cars. The only thing you hear is your heartbeat. Everything seems the same. Without good navigation equipment, you are lost. Do you have it?</p> <p>Profession: Adventurer Score at least: 9</p> 
<p>Since 2012, ice losses have tripled. Every year, around 240 billion tons of ice mass is lost, which causes the rise of sea level for 0,6 mm. Loss of ice surface decreases the Antarctic biodiversity and makes scientific expeditions more difficult to accomplish. Warning! You lose one fragment of ice.</p>	<p>You forgot glasses in the base camp. Suddenly your skin gets red and hurts. The other explorer tells you about enormous Ozone Hole that lies above Antarctica. From now on, you will always carry extra glasses and inform society about currently increasing Ozone Hole.</p> <p>Profession: Climatologist Score at least: 9</p> 	<p>You are flying over floating ice and it is extremely cold outside. Your computer freezes. Sadly, you have to postpone your mission. Wait 1 turn.</p>	<p>Aurora Australis! What a magnificent view! While staring at the colorful sky you meet a scientist who is working on the NASA OVATION (NOAA's Auroral Forecast) model. These lights, as he informs you, capture the imagination of scientists like him, who study incoming energy and particles from the sun.</p> <p>Profession: Biologist Score at least: 9</p> 

<p>Scientists from Operation IceBridge visited Ushuaia, Argentina to present their work to enthusiastic citizens. You listened to the presentation and learned a lot about their yearly campaigns. For the past ten years, they have been using airborne instruments to map Arctic and Antarctic areas. By measuring and collecting data, they get better inside view of rapidly changing Greenland and Antarctic ice.</p> <p>Profession: Climatologist Score at least: 9</p> 	<p>Permafrost is ground that is always frozen. A gradual melting of the permafrost is causing dangerous emissions of carbon dioxide and methane from the soil back into the atmosphere. You visit Lake Vida in Antarctica to improve predictions about how long it will take for the carbon stored in permafrost to reach the sky.</p> <p>Profession: Biologist Score at least: 7</p>	<p>During one week expedition, you spend a day walking on Polar plateau, where you experience headache, blurred vision, temporary loss of vision and pain. Mountain guide diagnoses you with snow sickness which is caused by exposure to sunlight, reflected from ice and snow and advise you to rest. You wait 1 turn.</p>	<p>It is year 1920 and you are preparing for polar expedition. For eye protection you are deciding between goggles with smoked glass and piece of leather with a slit. Rein deer fur boots and gloves, canvas trousers, hooded smocks and woolen undergarment are already packed. It is unbelievable, what 100 years of innovation in polar equipment</p> <p>Profession: Geologist Score at least: 7</p>
<p>You are in the early decades of twentieth century, packing your equipment. Don't forget your rein deer sleeping bags for cold nights, sledges made of wood, leather and rope. You have to make sure that your animal friends are feeling comfortable too – make snow shoes from bamboo and leather for ponies.</p> <p>Profession: Adventurer Score at least: 9</p> 	<p>In 1998, NASA launched Tracking and Data relay satellites (TDRS), which enable data from spacecraft to reach earth, provide telemedicine and internet to researchers at the South Pole. Once famous explorer Robert Scott's team was on the Polar Plateau, they were on their own with no means of communication. Imagine yourself, standing alone, hundreds of miles away from any civilization and not being able to contact it!</p> <p>Profession: Adventurer Score at least: 11</p> 