Picture 1
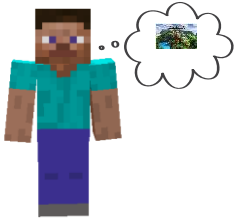

Text: Jure is a miner. He is interested in everything that has to do with minerals, rocks and geology. In his spare time he likes to browse through different magazines, and one day he comes across an article about the interesting computer game Minecraft and its modification BetterGeo. He is immediately attracted to the game and would like to try it out for himself, but he does not have a computer... He thinks and thinks until he realizes that he can use his skills and build a computer himself.

Picture 2

Text: The only problem is that a computer is made up of many different parts, and these parts are made up of many different raw materials, for example, different metals. So, Jure makes a long list of different raw materials he needs and makes a plan for production of the computer. Since Jure is a miner, he knows very well that raw materials are extracted from mines. He quickly gathers his equipment and sets off on a long journey to find everything he needs.

Picture 3

Text: Since Jure is an experienced miner, he first heads to a nearby abandoned mine. There he soon finds the first ore, from which he can extract a whole range of important raw materials for his computer. This ore is **pegmatite.**

Picture 4

Text: It consists of minerals that Jure will process at home into **lithium, tantalum** and **tin**. With his hammer, he quickly breaks off a few pieces and puts them into a mining cart.

Picture 5

Text: As he explores the mine further, he comes across a mysterious chest in a dark corner. What exactly is it doing there? Jure opens it carefully and finds exactly what he needs inside: **gabbro** ore, in which the minerals of the metal **titan** shine brightly. Jure puts a few pieces aside and thanks the old miners in his thoughts, who had left a full chest behind. He's already quite tired from the hard work, but the search for the raw materials is far from over.

Picture 6

Text: For the next one he has to descend even deeper into the dark, unexplored part of the mine. He thinks anxiously about the stories of monsters in the dark depths, but he is overcome by a longing for the computer. Bravely he takes a lamp and a special device - an electrical conductivity meter – with him to help him find the desired ore.

After a long and difficult path, he finally finds the **skarn** ore. This ore is very important because it contains special minerals from which he can extract **tungsten** and **rare earth elements**, which are an indispensable metal for all electronic devices.

Picture 7

Text: Jure is just picking up his precious skarn when he hears a loud bang. The wood supporting the trenches is starting to break, and everything could fall down at any moment! "It's not safe in the old mines, so I have to get out as quickly as possible," Jure thinks. He starts to run, but when he looks around after a while, he realizes that he is lost. Fortunately, a mine dwarf appears next to him and kindly shows him the way to the surface.

Picture 8

Text: Soon he is safely out of the mine. In a bad mood he wanders around the mine, because he could not find all the raw materials for the computer, when he encounters a very interesting red earth. He takes a magnifying glass in his hand and finds out that he has accidentally found **bauxite**. This is the ore that he needs to make **aluminium**.

When he bends down to collect some bauxite, a special device falls out of his pocket, on which he has completely forget - a **magnetic compass**. Jure decides to follow the path shown by the compass, which leads him to a special **banded iron formation** from which he can extract a magnetic metal called **iron**.
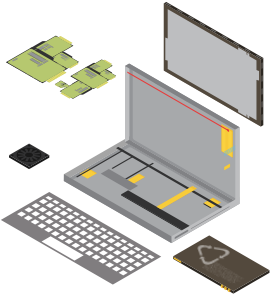
Picture 9

Text: It is slowly getting dark, the daylight is fading, and the search will soon be impossible. Jure looks sadly at the list of raw materials and realizes that he still needs some. At that moment he remembers reading an article a few days ago about the recycling of electronic equipment. At home he has an old TV set in the basement and some used mobile phones. All other missing metals can be extracted from them by special processes. These are **gold, silver** and **copper**. At the same time, this will help to protect the environment!

Picture 10

Text: With a cart full of raw materials, he goes home quickly to get to work as soon as possible. After a few days of intensive thinking and research, he succeeds in using various ore processing and recycling methods to obtain all the important raw materials for the production of a computer.

Picture 11

Text: With passion he assembles the computer components: from the battery, the processor and the main board to the case, the monitor and the keyboard. And finally, Jure has a real computer in front of him! Now he can try out the game Minecraft.