PART 1: FIND THE PASSWORD FOR THE COMPUTER
Use the letters on the keyboard to translate the handwritten blue Russian text on the back of the postcard and the moon map. You will then see ‘password is: page ninety, image ten’ and ‘image eleven’. You will see various moon phases in image 10 on page 90 of the book. The front of the postcard features a new moon. Place the moon (red film) on the moon map so a young moon becomes visible. Make sure the light blue squares on the moon point upwards, as shown in image 11 of the book. You will now see the four ‘mountain formations’ also visible on the keys. These are the keys you must enter into the Chrono Decoder, from top to bottom. You have found the password for the computer. Now open part 2, where you will find the information you need to determine the route to the Escape Shuttle.

55 min - HINT 1: CHECK THE COLORS OF THE MOON IF YOU CAN NO LONGER DISTINGUISH BETWEEN TOP AND BOTTOM.
50 min - HINT 2: WATCH THE NIGHT SKY IN MOSCOW.

Code 1: 2361

PART 2: FIND THE LOCATION OF THE ESCAPE SHUTTLE
Before you can get to the Escape Shuttle to escape from the space station, you must resolve a power failure in three corridors so a red or green light comes on in each corridor. The color of the light indicates which corridor you can enter and which you cannot. This will help you to determine the only possible escape route to the Escape Shuttle.

1) Resolve the electricity failure in the three corridors.
Mark the lights on the MIR II escape plan as red (r) or green (g) or color them like in the example. Most lights can be copied from the image of the MIR II space station. Make sure the colors of the corridors match, so you identify the right lights as red and green. Three lights will be left over, which appear to have stopped working due to power failure in the orange, blue and green corridors. If you solve the control panel puzzles, power will be restored and you will see either a red or green light.

The orange corridor: on one of the three control panels you will see an orange block which corresponds with the orange corridor. Place the correct circuit board A and the correct circuit board B on the electrical circuit. In this case, a connection must be created between the letters DACB (in that order) to activate the red light OR between letters ADDBC (in that order) to activate the green light. The only possible option is to connect the circuit as ADDBC, which means the red light will come on.

Solution: mark the light, in the orange corridor of the escape route, as red.
The blue corridor: on another control panel you will see a blue icon which corresponds with the blue corridor. This ‘number of moons’ icon can be found next to each planet on the image of the MIR II. If you look at all planets on the control panel, and place them in order from the highest to the lowest number of moons, you will see:

- Mercury: 0 moons, position 1
- Earth: 1 moon, position 2
- Neptune: 14 moons, position 3
- Uranus: 27 moons, position 4
- Jupiter: 67 moons, position 5

Connect position 1 with position 2, position 2 with position 3, position 3 with position 4, etc. This will result in the following colors: green, green, green, red. This is the color sequence you will see for the green light.

**Solution:** mark the light, in the blue corridor of the escape route, as green.

The green corridor: here you will see a green icon which corresponds with the green corridor. This ‘density’ icon can also be found next to each planet on the image of the MIR II. If you look at the density of all planets on the control panel, you will see:

- Planet: 0-6 g/cm³
- Saturnus: 0,69 g/cm³
- Neptunus: 1,64 g/cm³
- Venus: 5,24 g/cm³
- Uranus: 1,27 g/cm³
- Jupiter: 1,33 g/cm³
- Mercurius: 5,43 g/cm³
- Mars: 3,93 g/cm³

Place the wired circle in the circle of the control panel and turn it so the lines of the planets are connected to the appropriate density. There is only one way to do this: all red lines will be continuous and connect the right density to the concerned planet.

**Solution:** mark the light, in the green corridor of the escape route, as red.

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**45 min - HINT 3:** THE RESULT OF THE CONTROL PANEL WILL ALWAYS BE EITHER RED OR GREEN. USE THESE ANSWERS TO COMPLETE THE ESCAPE ROUTE.

**40 min - HINT 4:** ALWAYS FOLLOW THE ESCAPE ROUTE AND THE EMERGENCY PROCEDURE TO ESCAPE SAFELY FROM THE SPACE STATION.

**30 min - HINT 5:** BLUE: IN WHICH ORDER ARE THE PLANETS? URANUS HAS 27 MOONS AND IS IN 4TH PLACE. ORANGE: FIND THE CONSECUTIVE SERIES.

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2) Find the correct route to the Escape Shuttle

You have supplied power to all corridors and know which corridors you can and cannot enter. You can now find the correct route from ‘you are here’ to the Escape Shuttle. Follow the escape procedure when doing so: you can only enter each room once and all corridors with a green light are accessible. Please note: you do not necessarily have to pass through every corridor with a green light.
You will see a large ER logo on the image of the MIR II. Now use the polybius square on the Chrono Decoder to translate all room numbers into letters: 22=G, 11=A, 31=L, 34=O, 24=I, 13=C, 14=D, 12=B, 32=M, 33=N, 23=H en 35=P.

You will see that only four letters match the letters on the keys: A, B, C and D. The order of the keys will be the order in which you encounter these letters if you take the correct route to the Escape Shuttle: 14, 12, 11, 13 or D, B, A, C. Congratulations! You have found the route to the Escape Shuttle.

**20 min - HINT 6: YOU MUST GO THROUGH ALL ROOMS. EACH ROOM CAN ONLY BE VISITED ONCE. THERE IS ONLY 1 WAY OUT. YOU WILL FIND 4 KEYS ON YOUR WAY.**

**Code 2: DBAC**

**PART 3 – FIND THE CODE TO START THE ESCAPE SHUTTLE**

The accommodation for cosmonauts (living quarters) is located directly in front of the Escape Shuttle. When passing by, you find a folder featuring the name Nikolai Komarov. This folder contains the only personal effects of Komarov: a few newspaper articles and an astrological calendar. The story on the envelope tells you that Komarov had used his personal effects to devise an activation code. But how do you find the activation code?

**1) The newspaper articles**

Lay out the newspaper articles based on the year in which they were published; from oldest to most recent:

1- The headline of ‘The State Journal’ on 8 November reads: ‘Revolution in Russia’. The back shows that the newspaper originates from the museum archive for the First World War. Russia played an important role in this war. The First World War started in 1914 and ended in 1918.

**Solution: 8 November (1917).**

2- The article headline in the newspaper of 9 May reads: ‘Nazis quit war is over! Europe war comes to end’. During the Second World War, Russia was attacked by Germany. And the Second World War ended in 1945.

**Solution: 09 May 1945.**

3- The photos in this old newspaper show a cosmonaut next to an image of a space rocket. The text is in Russian. The photos are probably of Russian Joeri Gagarin, who was the first man in space. Use the keyboard from part 1 to translate the Russian text: ‘Gagarin’ and ‘April 12 nineteen sixty one’.

**Solution: 12 April 1961.**

4- A postcard from the Olympic Games in Moscow from 19 July. The back of the card reveals a postage stamp dated 08-10-1980.

**Solution: 19 July 1980.**

5- The front page of ‘News Time’ of Wednesday 12 September has the headline ‘Act of terror’ and ‘WTC: the day after’. The attack on the Twin Towers in New York took place on 11 September 2001.

**Solution: 04 December (2012).**

6- The front page of ‘Royal News’ features an article with the headline: ‘Could it be twins for Kate?’.

This relates to rumors about the birth of the first child of British prince William and his wife Catherine. The child was born on 22 July 2013, so the news must be from 2012 or 2013.

**Solution: 04 December (2012).**
7- The front page of the ‘Grand Fenwick News’ had the following headline on 25 June: ‘Brexit the day after’. The Brexit referendum took place recently (2016).

**Solution: 25 June 2016.**

You are looking for 4 keys, so it would make sense that the following four Russian articles will be important to Russian cosmonaut Komarov:

1917 - 8 November: Russian Revolution
1945 - 9 May: end of the Second World War
1961 - 12 April: Joeri Gagarin is the first man in space
1980 - 19 July: Olympic Games in Moscow

This is the sequence of the keys.

2) **The astrological calendar**

Place the black sky over the white section, with the opening over the months of November, May, April and July. Place the red film on top. The outline of the keys will now appear.

- November: circle
- May: triangle, right
- April: square
- July: parallelogram, left

**10 min - HINT 7: HISTORY HAS BEEN SORTED BY YEAR.**
**5 min - HINT 8: KOMAROV WAS PRIMARILY INTERESTED IN RUSSIAN NEWS. YOU WILL NEED ITEMS YOU HAVE ALREADY USED.**

**Code 3:** ☺ △ □ ▲