*ERASMUS+ „ORIONS”*

THE QUIZ

ABOUT KNOWLEDGE OF THE SUN

1. **WHICH OF THE TERMS DESCRIBES THE SUN MOST CORRECTLY?**
2. A PARTICULAR BIG, YOUNG STAR
3. A RED GIGANT CLASS STAR
4. AN ORDINARY STAR IN MIDDLE AGE
5. **THE SUN DIAMETER IS BIGGER THAN THE EARTH DIAMETER ABOUT:**
6. 10 TIMES
7. 100 TIMES
8. 1000 TIMES
9. **THE SCIENTIST ASSESS THE TEMPERATURE ON THE SUN SURFACE IS ABOUT:**
10. 5500°C
11. 500°C
12. 15000°C
13. **THE SUNLIGHT REACHES THE EARTH IN:**
14. 2 SECONDS
15. 8 MINUTES
16. 1 HOUR
17. **THE CHEMICAL ELEMENTS THE SUN IS MOSTLY MADE OF ARE:**

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1. **WACHING THE SUN WE CAN SEE IT’S SURFACE LAYER. WHAT IS IT CALLED?**

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1. **THE SUN CORONA WE CAN OBSERVE WITHOUT ANY SPECIAL TOOLS:**
2. RIGHT AHEAD THE SUNSET
3. SHORTLY AFTER THE SUNRISE
4. DURING THE TOTAL ECLIPSE
5. **TYPE THE EXAMPLES OF SOLAR ACTIVITY:**

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1. **THE SOURCE OF SOLAR ENERGY IS:**
2. COAL BURNING INSIDE THE SUN
3. THE CHEMICAL REACTION OF HELIUM NUCLEI DECAY IN HYDROGEN NUCLEI
4. THE FUSION OF HYDROGEN NUCLEI IN HELIUM NUCLEI
5. **WHAT IS HIDDEN BENEATH „SOLAR WIND”**

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1. **DO THE AURORAS HAVE ANYTHING IN COMMON WITH THE SUN? EXPLAIN IT AWAY.**

**ANSWERS:**

1.c

2.b

3.a

4.b

5. HELIUM & HYDROGEN

6. PHOTOSPHERE

7. c

8. SUNBURSTS, PROMINENCES, SUNSPOTS, SOLAR WIND

9.c

10. A STREAM OF PLASMA BURST OUT FROM THE SUN, WHICH CONSISTS MAINLY OF PROTONS, ELECTRONS AND ALPHA PARTICLES

11. YES. THEY ARE THE SOLAR WIND EFFECT.