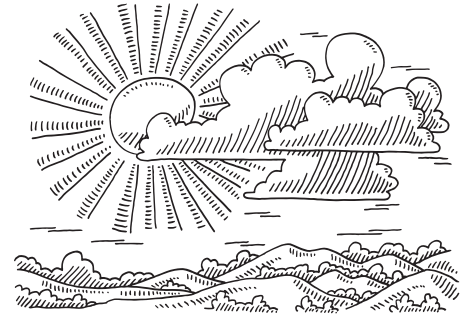


# WHAT IS THE SUN MADE OF ?

The Sun is a fiery ball of gas made mainly of \_\_\_\_\_ and \_\_\_\_\_. Nuclear reactions in the Sun's core change hydrogen into helium. The energy produced by these reactions is released as \_\_\_\_\_ and \_\_\_\_\_.



# DISTANCE AND SPEED

The Earth is \_\_\_\_\_ km away from the Sun. The light from the Sun reaches us in \_\_\_\_\_ minutes. It travels at a speed of 299 792 \_\_\_\_\_ per second. That's faster than you can blink! Nothing on Earth travels as fast as light.

# HOW DO THE PLANETS STAY IN ORBIT ?

Draw and Explain: