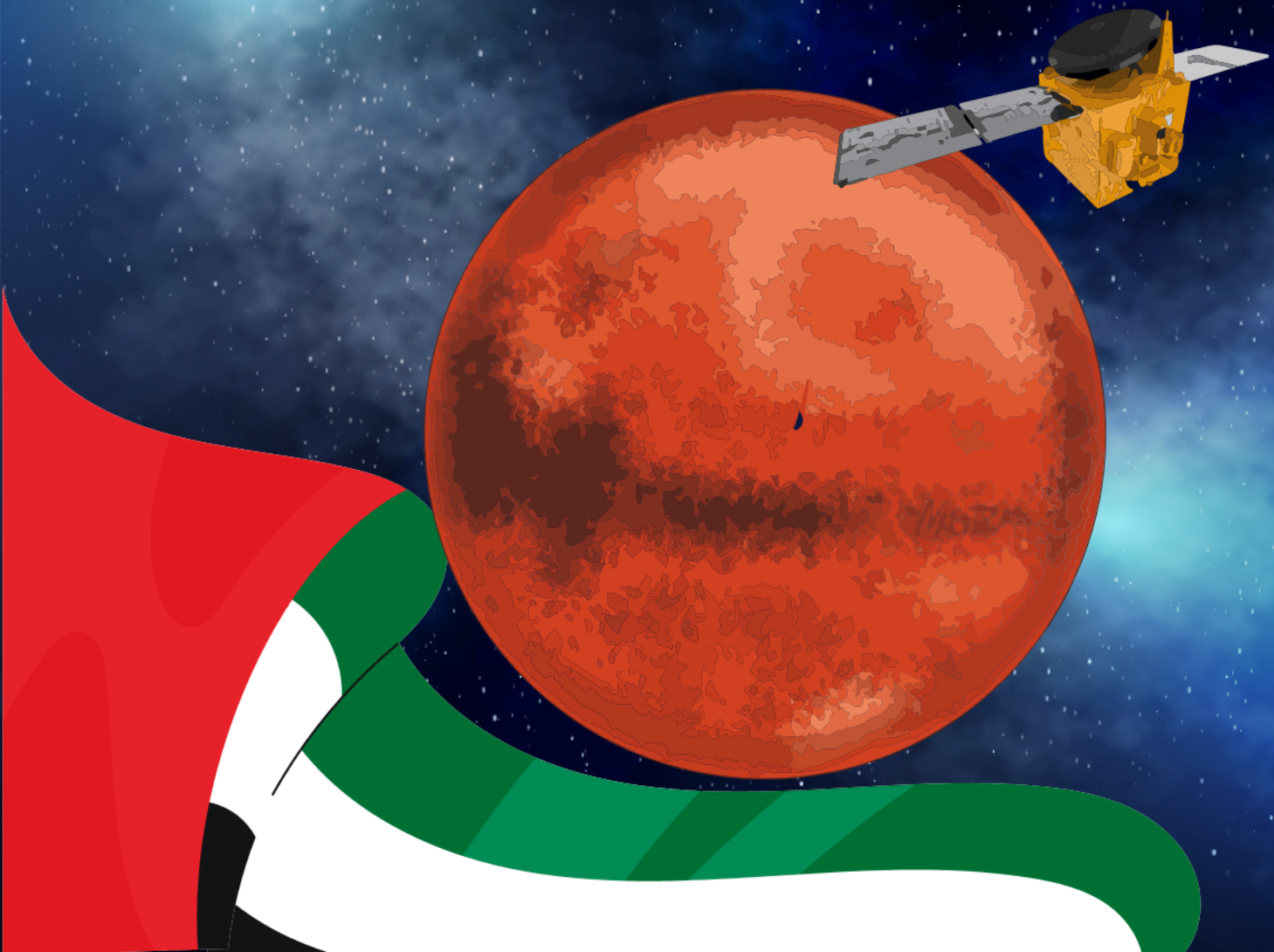
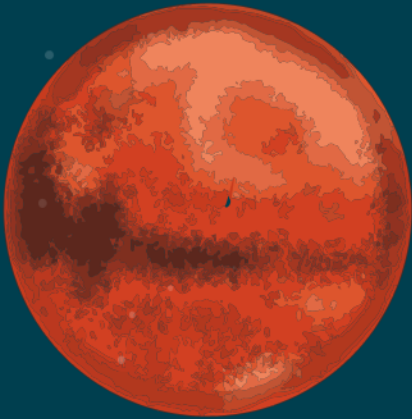
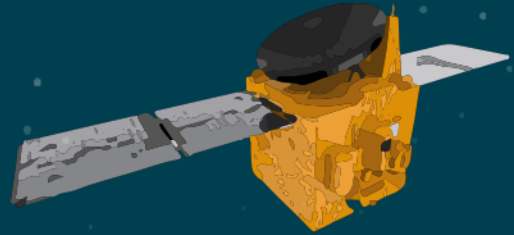


# Emirate mission to Mars





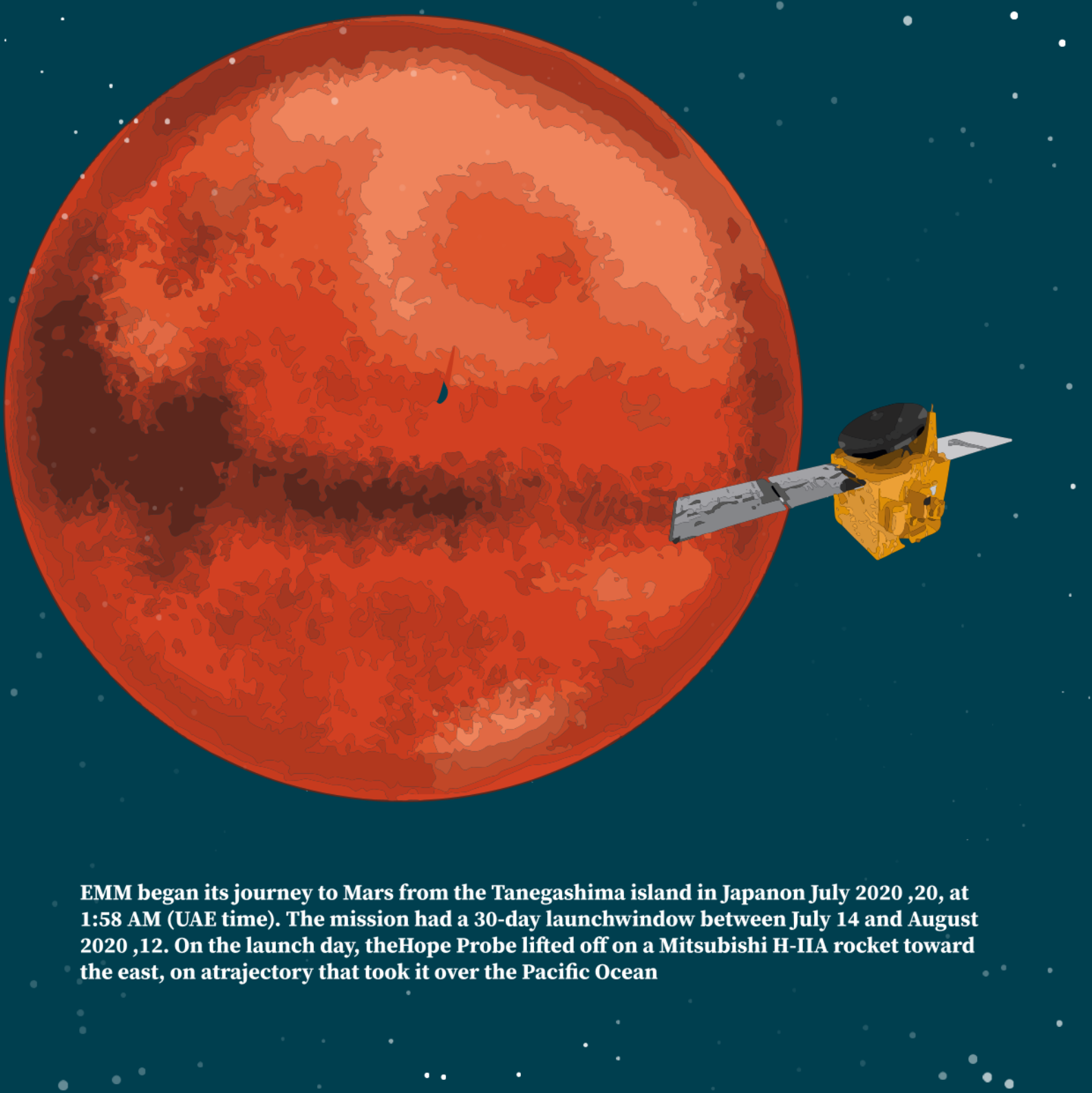
# Mars

is a planet. It is the fourth planet from the Sun. It is the next planet beyond Earth. Mars is more than 142 million



# Earth

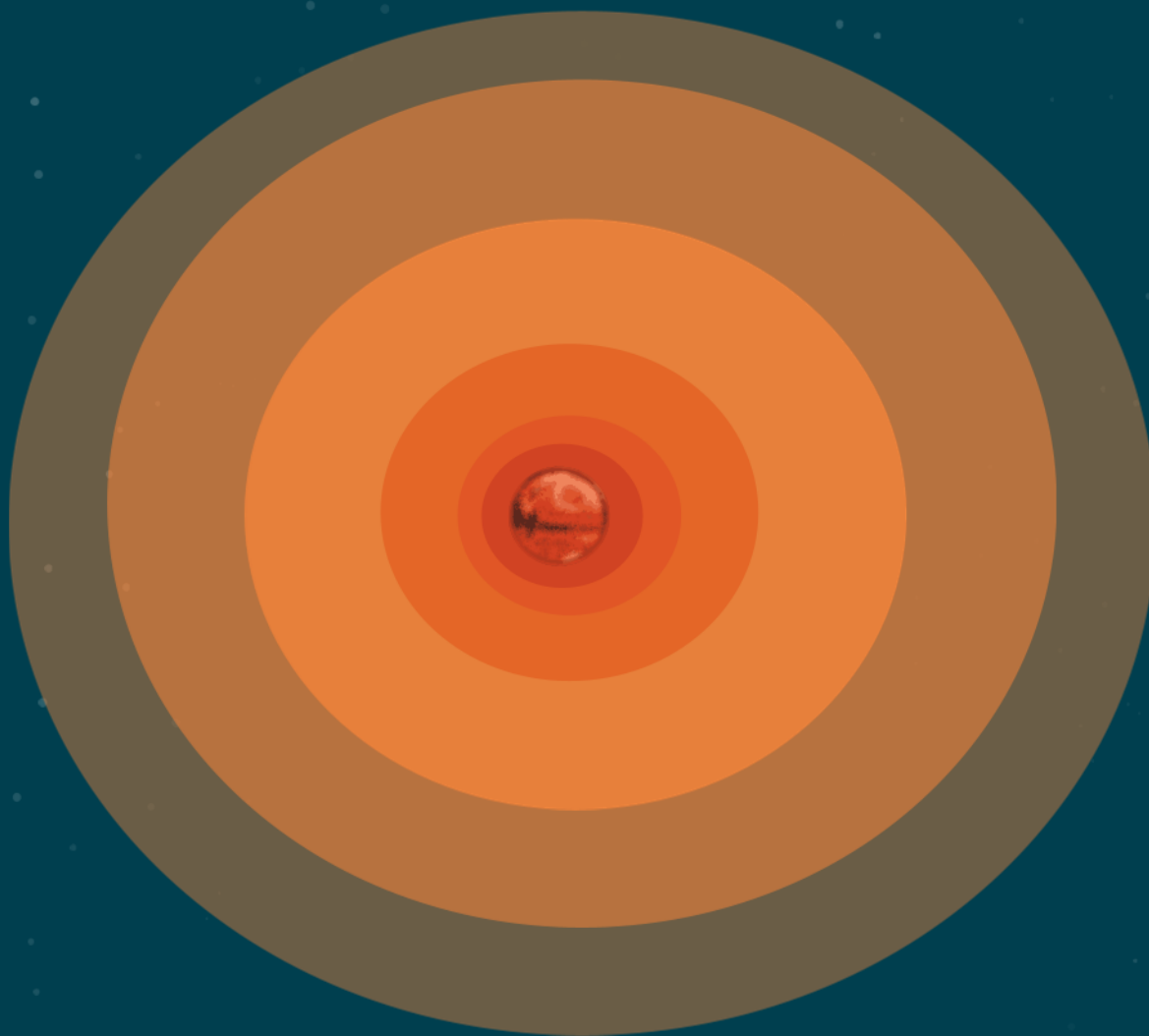
consists of land, air, water and life. The land contains mountains, valleys and flat areas.



**EMM began its journey to Mars from the Tanegashima island in Japan on July 20, 2020, at 1:58 AM (UAE time). The mission had a 30-day launch window between July 14 and August 12, 2020. On the launch day, the Hope Probe lifted off on a Mitsubishi H-IIA rocket toward the east, on a trajectory that took it over the Pacific Ocean**

# Hope probe journey

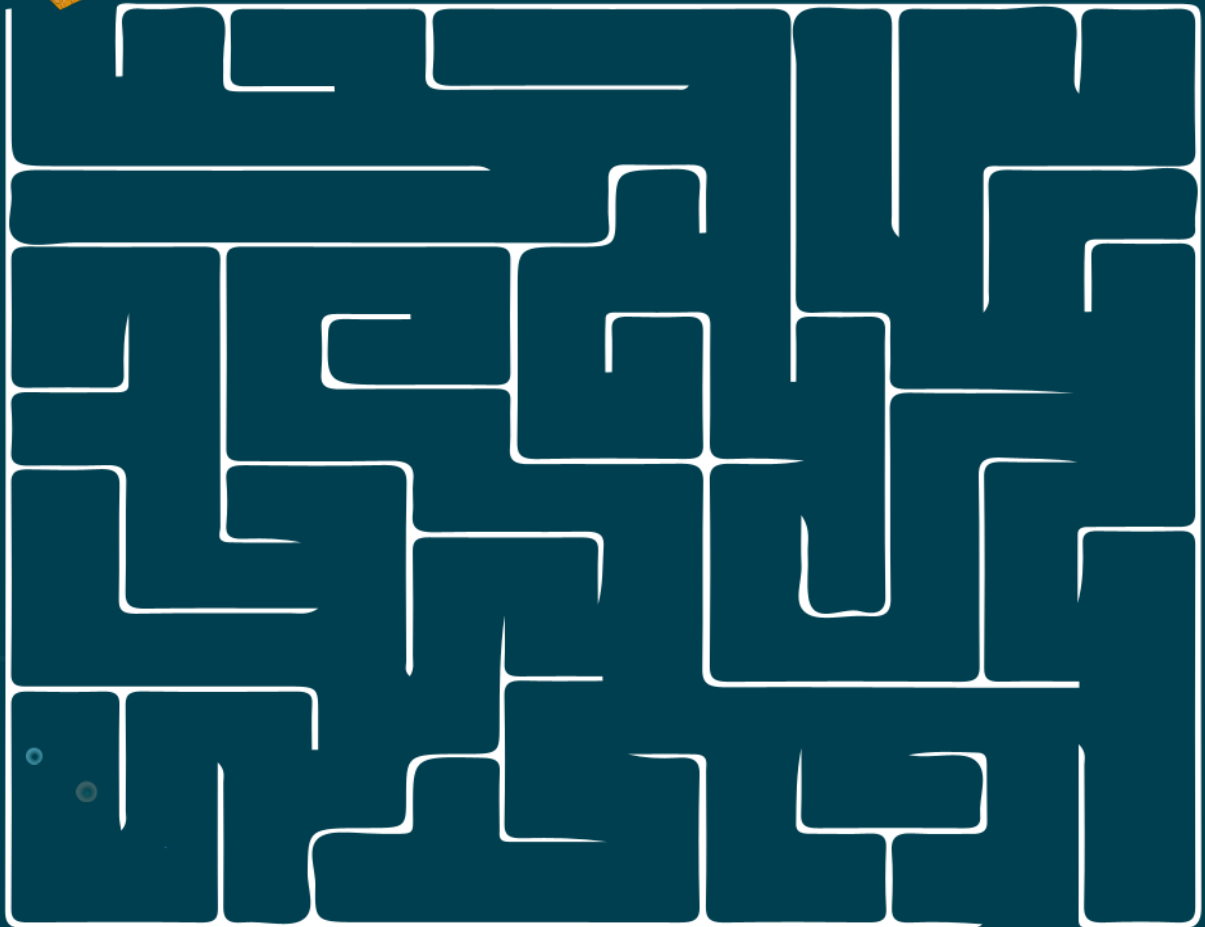
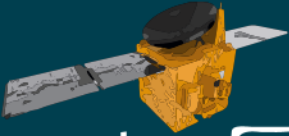




**UAE make the impossible , possible**

help hope probe to reach mars planet

start



end



# Hope probe

weight  
1,350 kg  
including fuel

1.85 m **antenna** to  
communicate

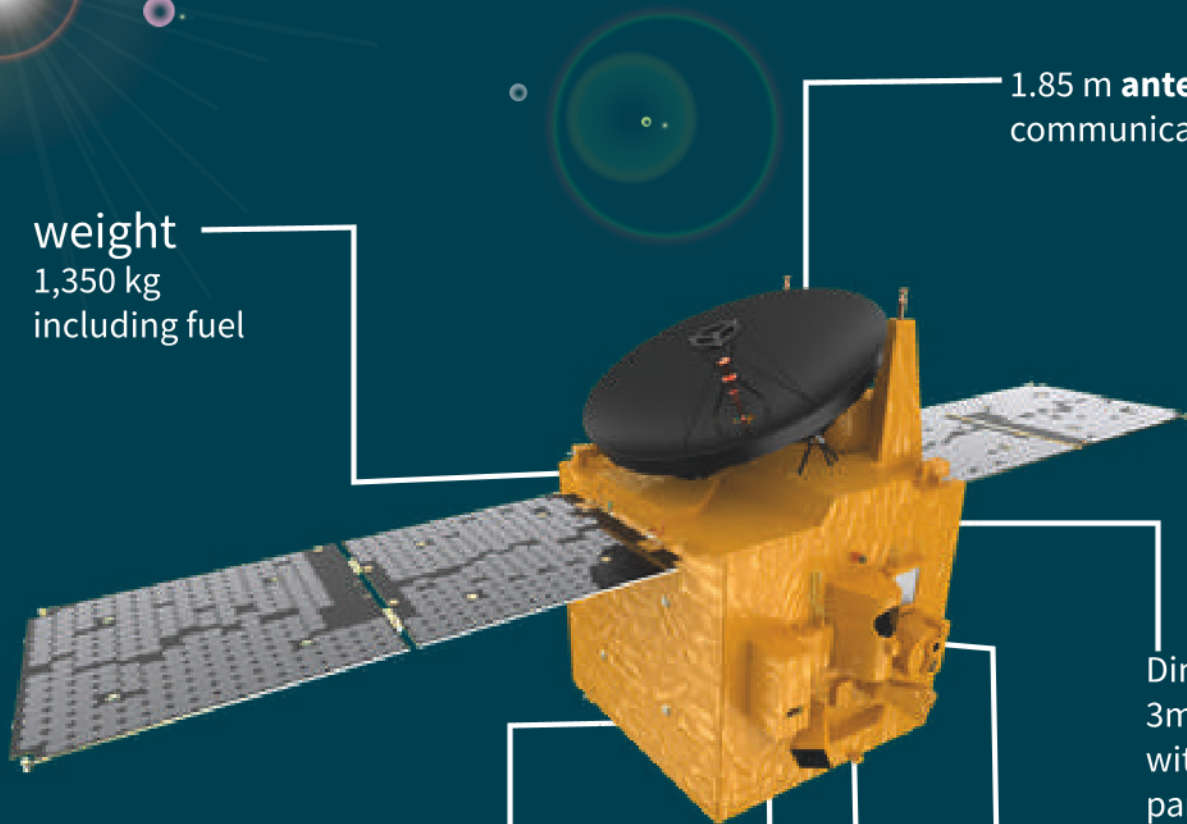
600 watt solar  
panels to  
charge the  
batteries

Dimensions  
3m x 7.9m  
with solar  
panels open

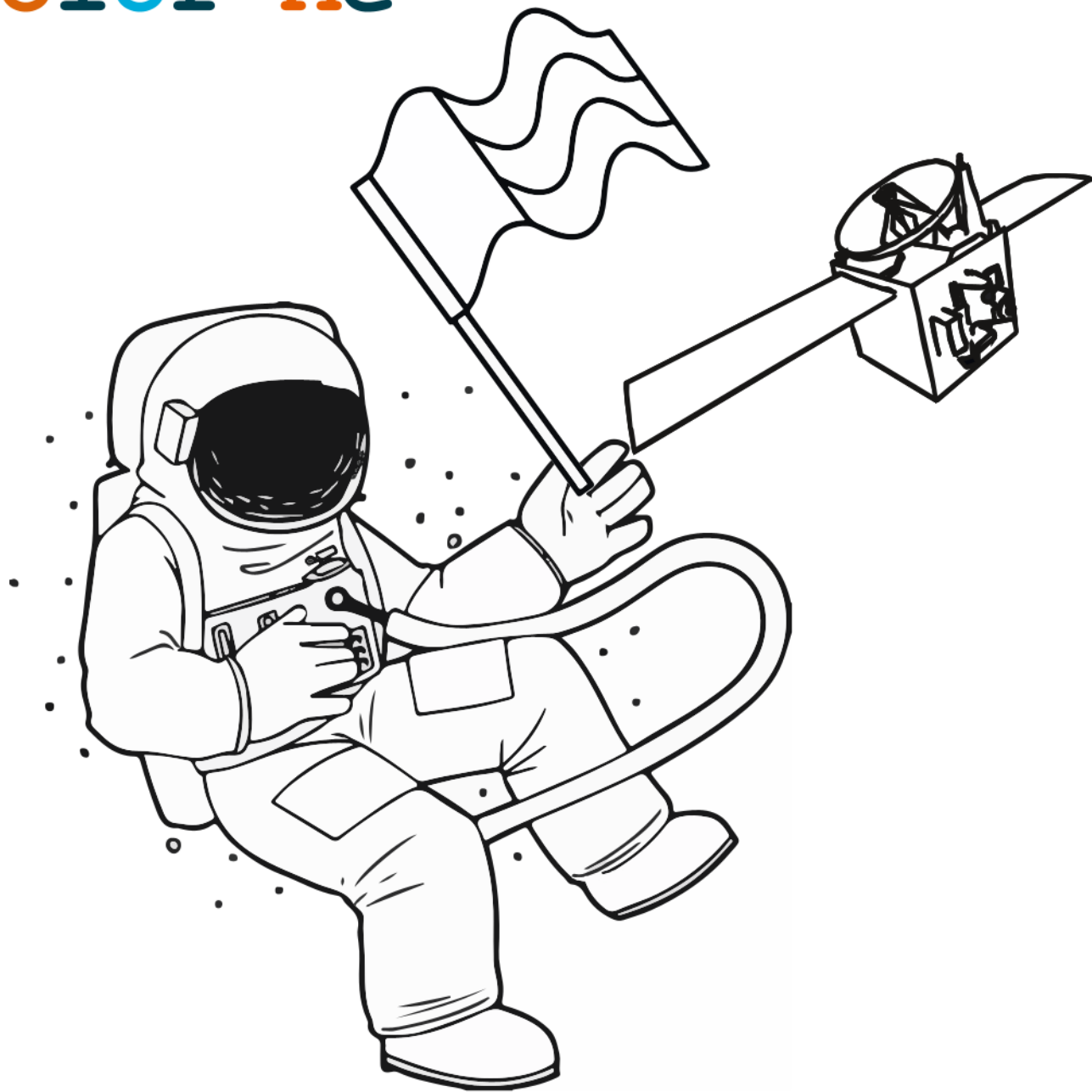
EMUS

EMIRS

EXI



Color Me





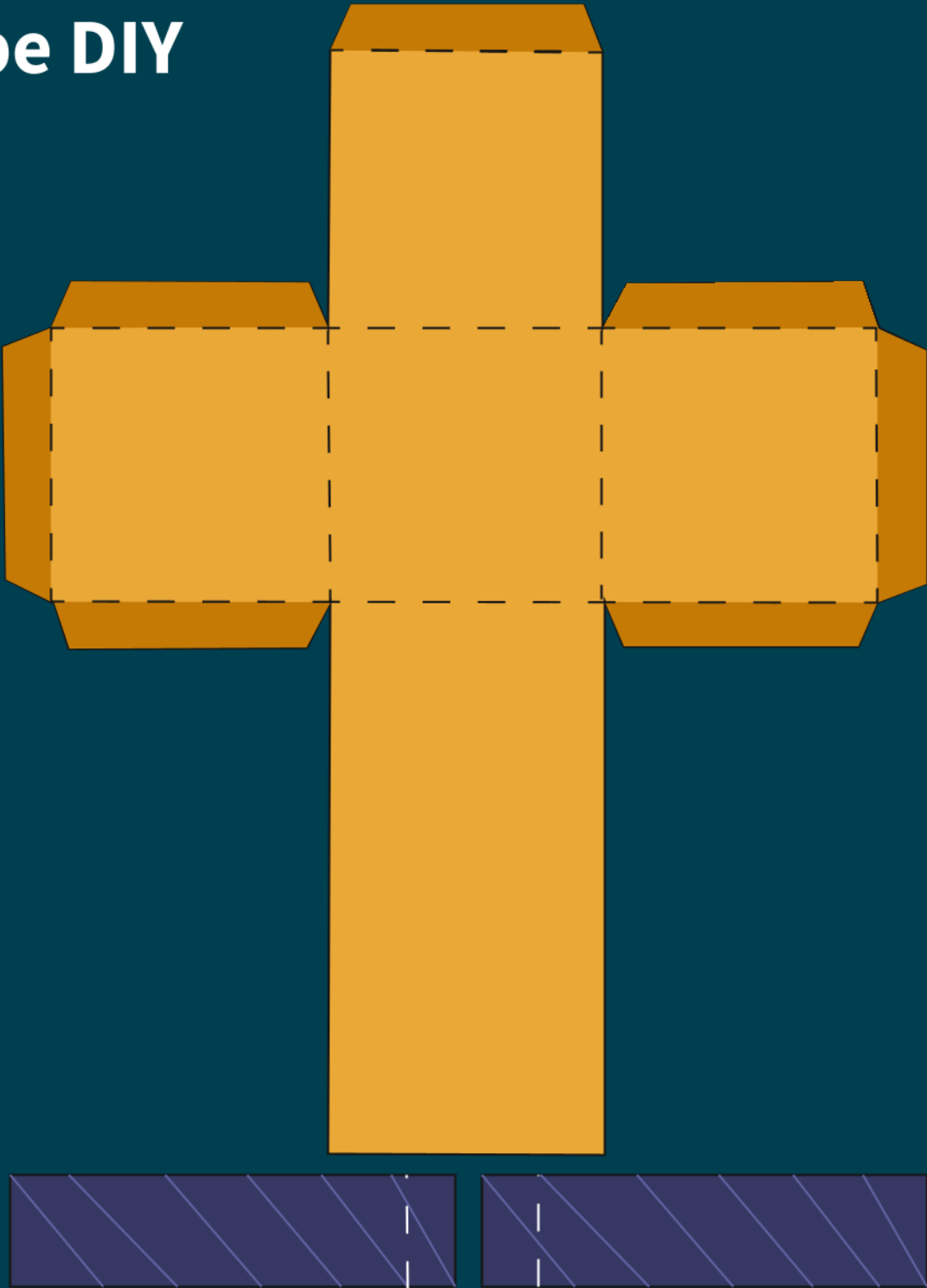
# Hope Probe DIY

**STEP 1:** CUT OUT THE SHAPE

**STEP 2 :** FOLD ALONG THE  
LINE

**STEP 3:** TUCK AND GLUE THE  
DARK YELLOW TABS INSIDE  
THE CUBE

**STEP 4:** GLUE THE SOLAR  
PANEL TO THE "HOPE  
PROBE" CUBE



Color Me

