

**1** RADIANT ENERGY ABSORBED  
TRANSFORMS SUNLIGHT INTO  
ENERGY WHICH SPLITS WATER

**2** INTO HYDROGEN,

**3** OXYGEN,

**4** AND CARBON DIOXIDE

**5** WHICH JOINS HYDRO-  
GEN IN A CHEMICAL  
SYNTHESIS  
CHAMBER

**6** WHICH LEADS  
TO THE FORMATION  
OF CARBOHYDRATES  
SUCH AS SUGAR

**7** EXCESS WATER IS  
ELIMINATED

**8** BUT THROUGH NATURE'S  
WATER CYCLE EVENTUALLY  
RETURNS

**2** TO ENTER THE PLANT  
LIFE AGAIN - THUS  
REPEATING THE PROCESS