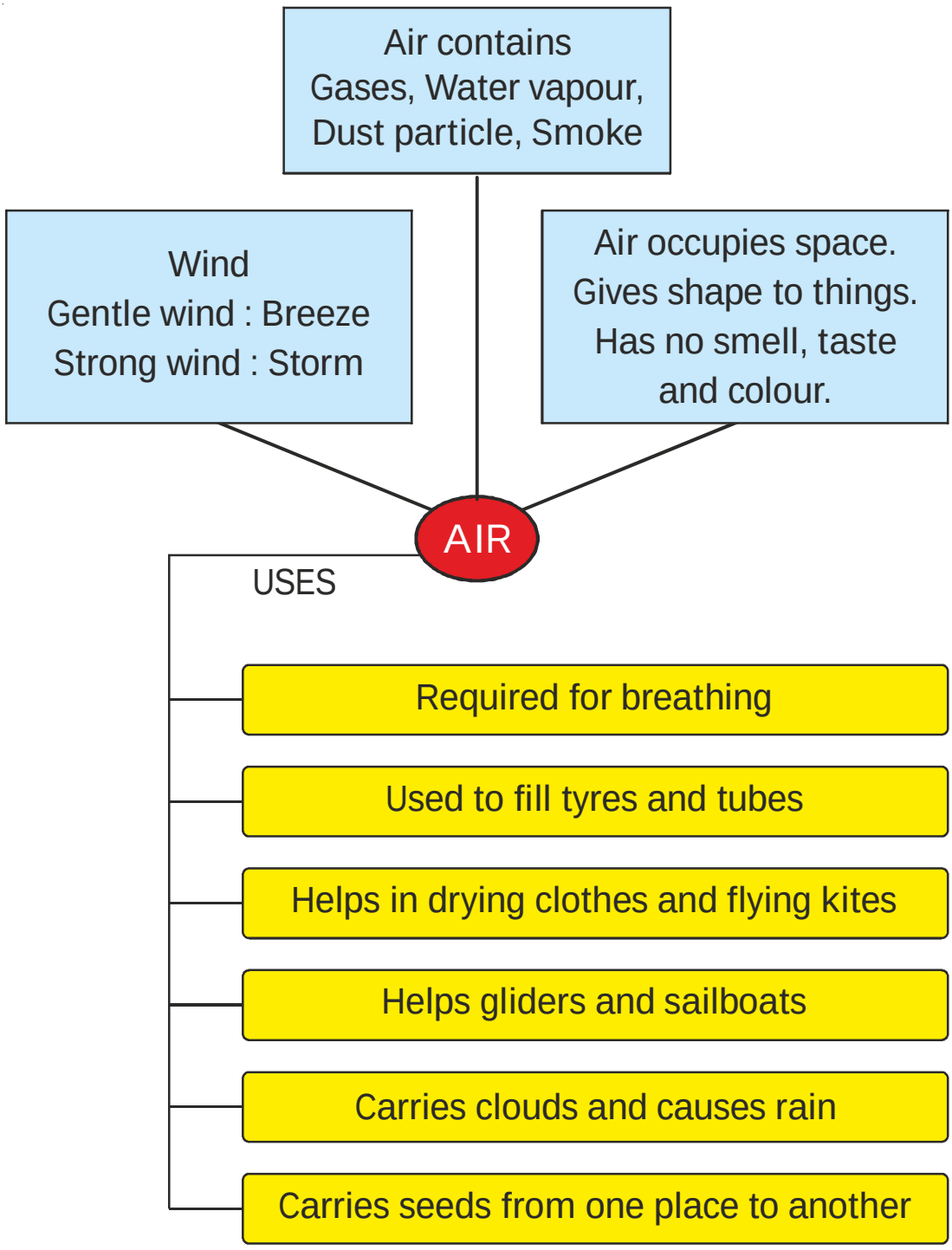
01 **Air is present all around us. All living things need air to breathe.**



02

I. Unscramble the given letters by placing the correct letter in the given blanks

(a) DMTIYTHIU — HUMIDITY

(b) RAECOSTF — FORECAST

(c) TENRIW — WINTER

(d) HREUNICRA — HURRICANE

(e) OUDLCY — CLOUDY

(f) WRAM — WARM

(g) GSIWONN — SNOWING

(h) RNAODOT — TORNADO

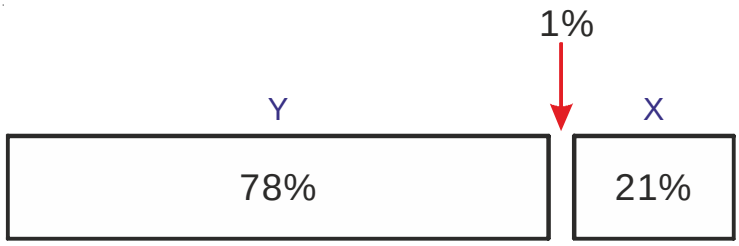
(i) NSYNU — SUNNY

II. Change the underlined words to make correct statements.

1. **The** weather **changes from day to day.**
2. **The** rotation **of the earth on its axis causes day and night**
3. **In** summer **the days are longer.**
4. **A flame burns** due to air **.**
5. **Hot air is** lighter **than cold air.**

03

I. The chart below shows the composition of gases in the air.



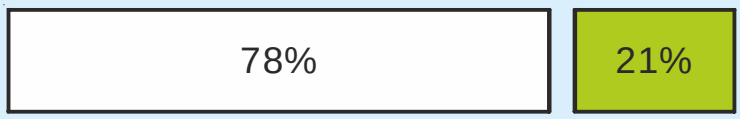
(a) Shade the section that represents the gas that supports burning.

(b) What is gas X ?

(c) What can you use to test for the presence of gas X ?

II. How do green plants help to maintain the balance of oxygen and carbon dioxide in the air ?

I. (a)

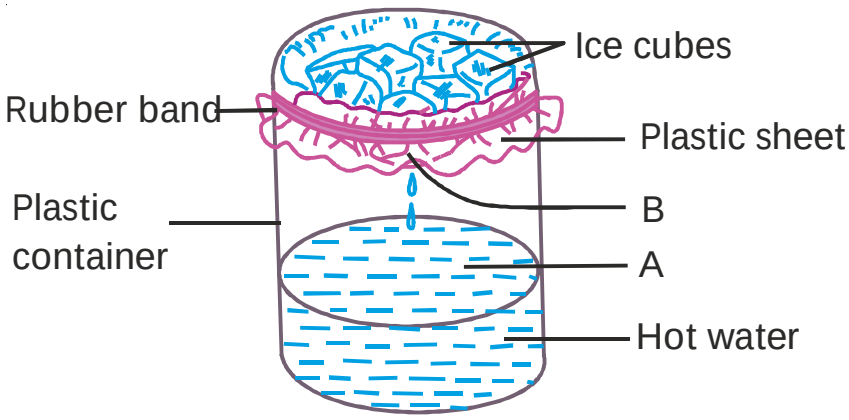


(b) Oxygen

(c) Burning splinter if introduced burns brightly

II. Green plants make food in the presence of sunlight by taking in carbondioxide and giving out oxygen.

04 **Mrs Rao showed her class how to make rain in the laboratory. She used the following apparatus. Answer the given questions.**



(a) What is the purpose of the ice cubes ?

(b) Why is hot water used instead of cold water ?

(c) Why is the plastic sheet formed into a funnel shape ?

(d) Identify the processes taking place at A and B.

A:

B:

(a) Condensation

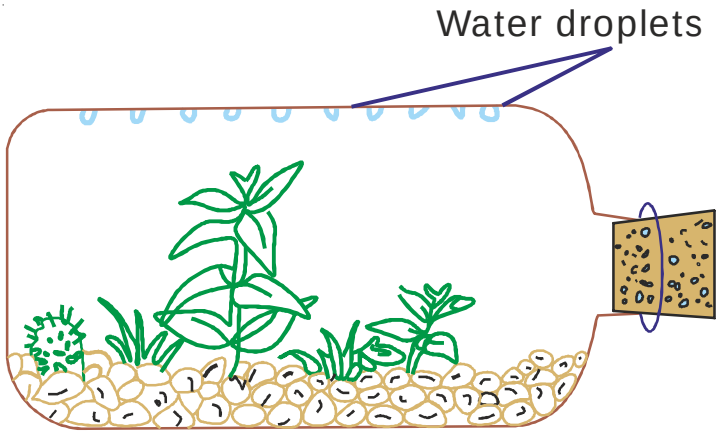
(b) To condense water vapour.

(c) Weight of Ice cubes and water vapour.

(d) A: Evaporation

B: Condensation

05 **The picture below shows a terrarium. Rachel noticed some water droplets on the inner surface of the glass bottle.**



Answer the following question.

(a) Where did the water droplets come from ?

(b) Explain how the water droplets were formed.

(a) The water droplets are released from plants.

(b) The water droplets were formed from plants by transcription (release of water vapour).