

Phloem

two-way flow

Transports glucose
throughout the plant

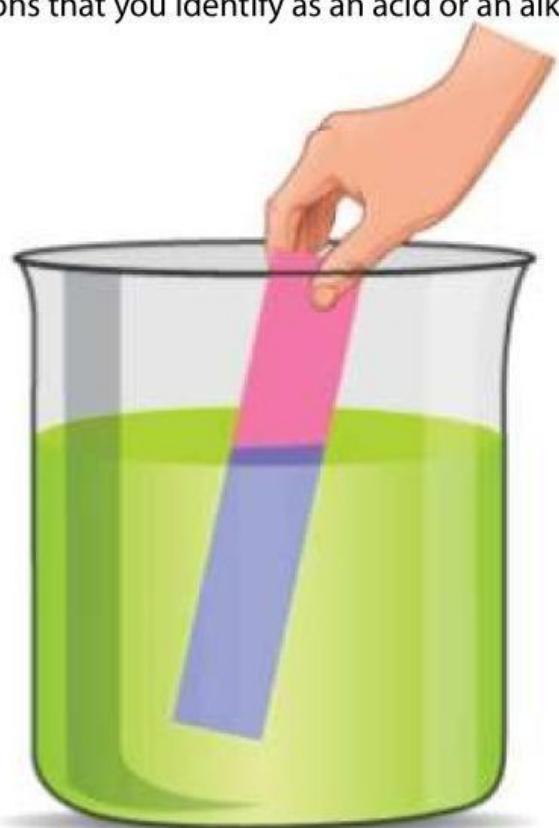
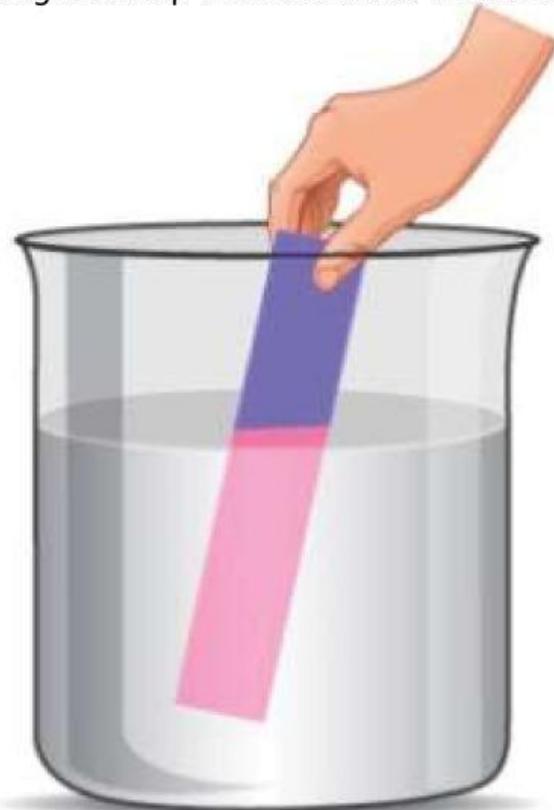
One-way flow

**Transports water
and minerals**

Xylem

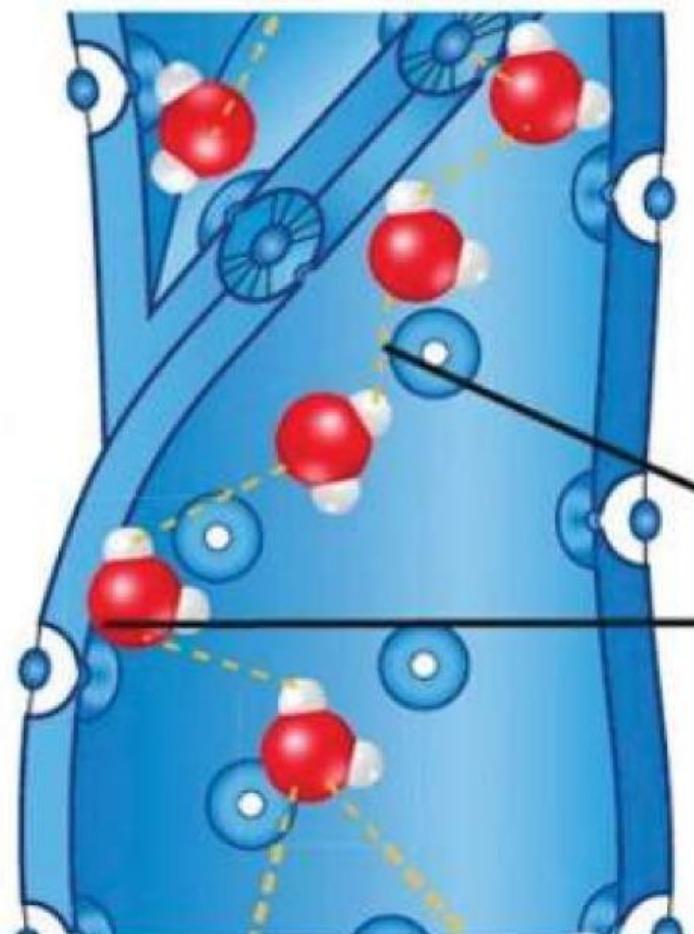
Litmus paper is a common indicator used to tell if the solution is acidic or alkaline, but not how strong the acid or alkali is.

Drag and drop the words 'Acid' and 'Alkali' next to the solutions that you identify as an acid or an alkali.



Water moves up the plant through the xylem vessel within plants. Label the diagram below with the two properties of water that allows this to happen.

[Drag and drop the words onto the diagram]



Adhesion

Cohesion

<i>Gas</i>	<i>Amount in inhaled from air</i>	<i>Amount exhaled from body</i>
oxygen		
carbon dioxide		
nitrogen		

same amount as inhaled air

3 %

0.04 %

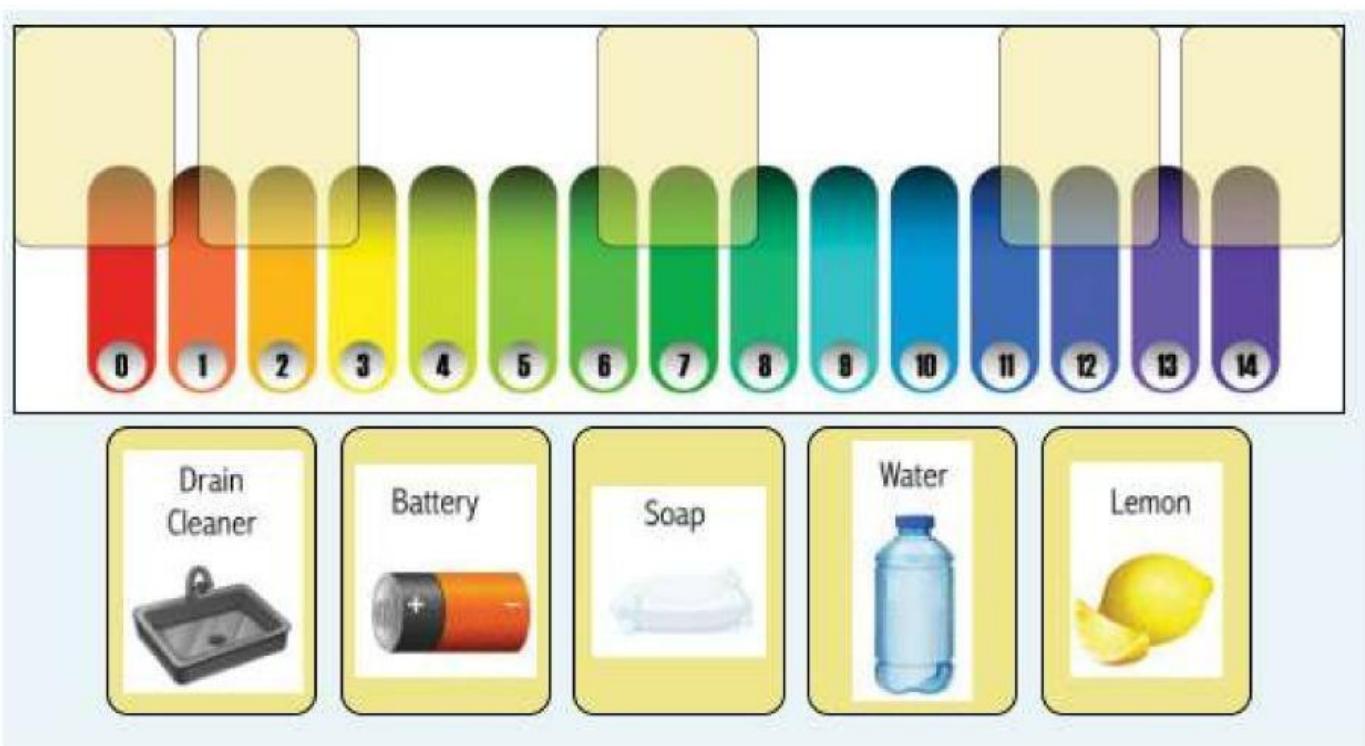
21 %

3 %

78 %

1 %

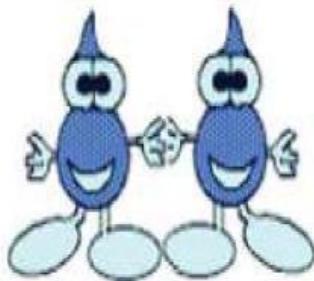
Various solutions below have different pH ratings. Correctly identify the pH of the solutions by dragging and dropping the solutions on the pH scale.



What are the names of the properties of water that allows water to travel up the plant?

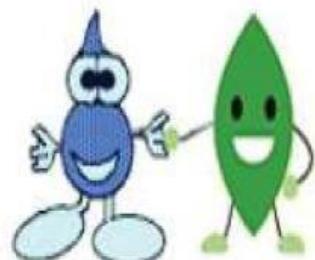
[Drag and drop the words below to the correct definitions]

Water molecules stick to other water molecules

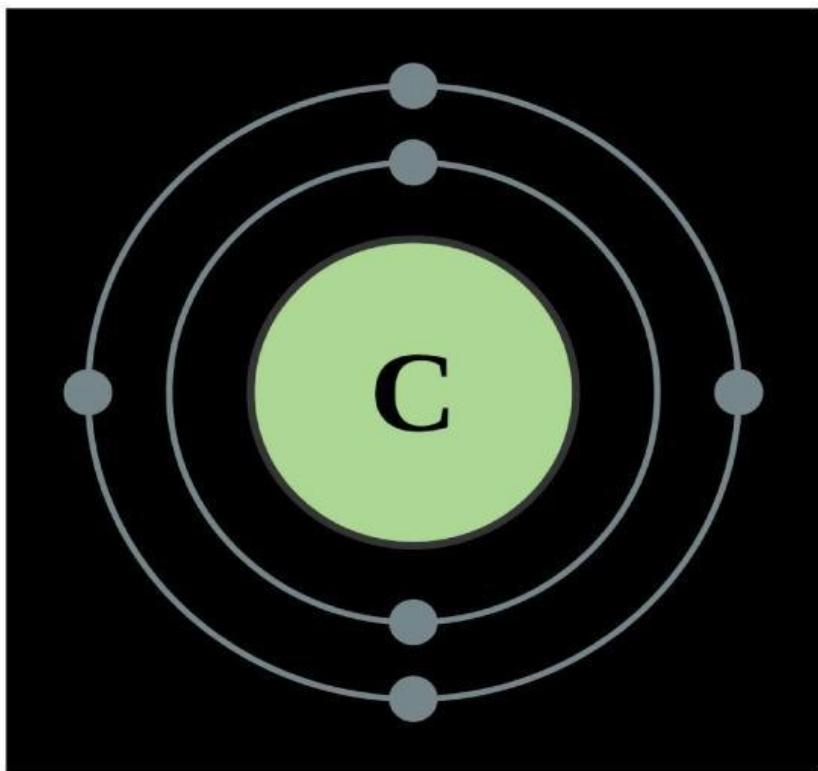


Adhesion

Water molecules stick to other substances, like the xylem vessels



Cohesion



What group does it belong to?

What is the name of the element?

Answer 2 Question 18

What period does it belong to?

H													He				
Li	Be																
Na	Mg																
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
Cs	Ba		Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
Fr	Ra		Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	Fl	Mc	Lv	Ts	Og
La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu			
Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr			

What period is the element Sodium in?

What period is the element Neon in?

What element is in group 0 and period 2?

What group is the element Calcium in?

What element has 5 valence electrons and 3 electron shells?

What element is in group 3 and period 3?

What does the chemical symbol Au stand for?

What element is in period 2 and group 5?

What group is the element Boron in?

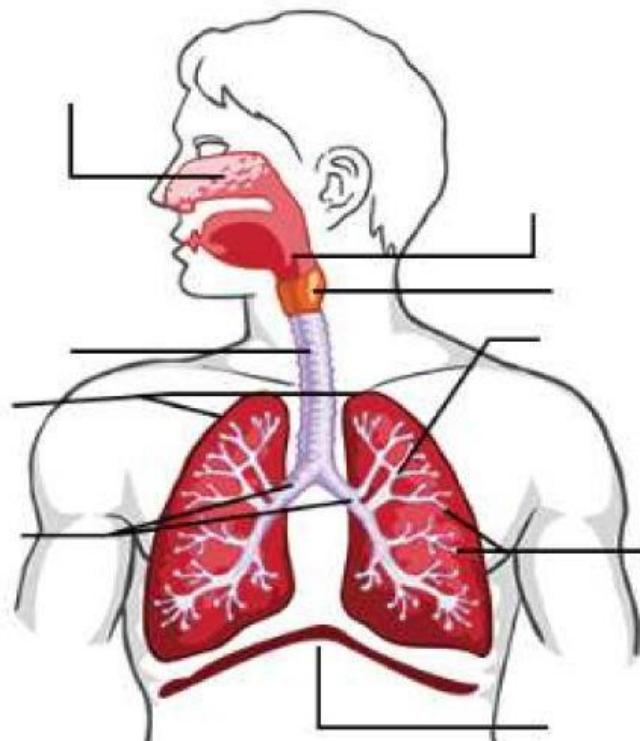
What element has 4 valence electrons and 3 electron shells?



Neutral

Alkaline

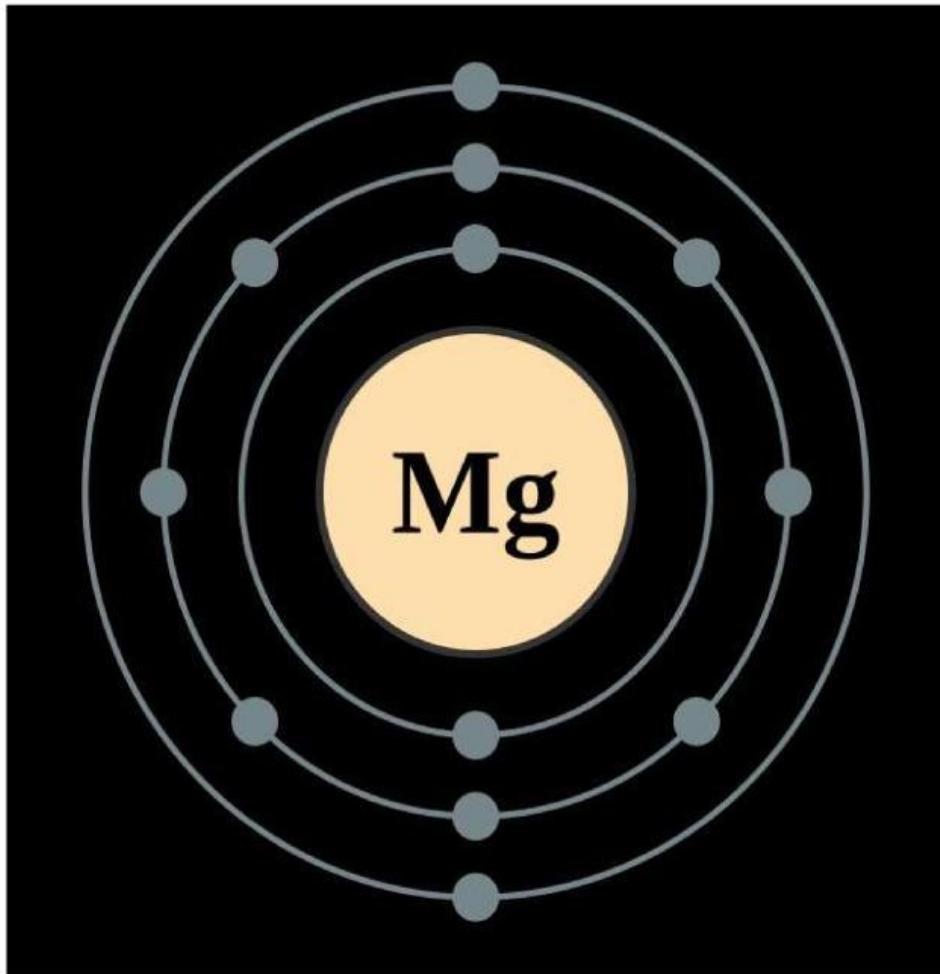
Acidic



Bronchioles lungs laryns Nasal Cavity

Bronchi Alveoli Diaphragm Pharynx

Trachea



What is the name of the element?

What period does the element belong in?

What group does the element belong in?