



UNIVERSITY OF  
CAMBRIDGE

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BRITISH  
COUNCIL



وزارة التعليم  
Ministry of Education

# Fill in the blanks

CHANGE: The transformation from one \_\_\_\_\_ to another.

MATTER: Anything that has \_\_\_\_\_ and occupies space.

Three States of Matter: \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.

LIVEWORKSHEETS

# Fill in the blanks

The chemical formula of a molecule shows the \_\_\_\_\_ and \_\_\_\_\_ of atoms contained in it.

The \_\_\_\_\_ shows the number of \_\_\_\_\_ in the molecule of an element or compound.

	SOLID	LIQUID	GAS
Arrangement of Particles	_____ are arranged in a _____ pattern	Particles are _____ to move in the liquid	Particles are free to move _____
Distance between particles	_____ are _____ together	Particles are _____ close to one another	Particles are _____ apart
Forces of mutual attraction between particles	Very strong _____ of mutual _____ between particles	Forces of _____ attraction exist between particles	_____ forces of mutual attraction between particles
Motion of particles	Particles _____ about their _____ positions.	Particles vibrate, but can change their _____	Particles move freely at high speeds, _____ any available

Chemical Formulae	Chemical names
1.	Sucrose
2.	Glucose
3. NaOH	
4. H <sub>2</sub> SO <sub>4</sub>	Sulfuric acid
5. KMnO <sub>4</sub>	
6.	Magnesium sulfate
7.	Carbon tetrachloride
8. H <sub>2</sub> O <sub>2</sub>	
9. NH <sub>3</sub>	
10.	Sodium chloride
11. HCl	Hydrochloric acid
12. CH <sub>4</sub>	