



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 ₂ SO ₄	Sulfuric acid
5. KMnO ₄	
6.	Magnesium sulfate
7.	Carbon tetrachloride
8. H ₂ O ₂	
9. NH ₃	
10.	Sodium chloride
11. HCl	Hydrochloric acid
12. CH ₄	