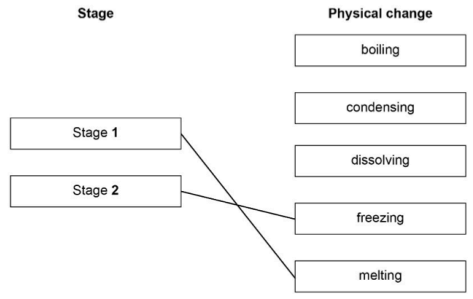
States of matter

A1. (2018)

02.9	there are weak forces	do **not** accept weak bonds	1	AO1 5.1.2.6 5.2.2.4
	between molecules	allow weak intermolecular forces for the first **2** marks	1	AO1 5.1.2.6 5.2.2.4
	which require little energy to overcome / break	allow does not need much energy to boil	1	AO2 5.1.2.6 5.2.2.4

A2. (2022)

01.4	 do **not** accept more than one line from a box on the left		1 1	AO1 5.2.2.1

A3. (2022)

01.8	liquid		1	AO3 5.1.2.5 5.2.2.1

A4. (2023)

A)

01.3	gas		1	AO1 5.2.2.1

B)

01.4	freezing		1	AO1 5.2.2.1

C)

01.5	heat	allow evaporate / boil	1	AO1 5.2.2.1

A5. (2024)

04.1	(paper) chromatography		1	AO1 5.1.1.2

A6. (2024)

A)

04.2	filtration / filtering		1	AO1 5.1.1.2

B)

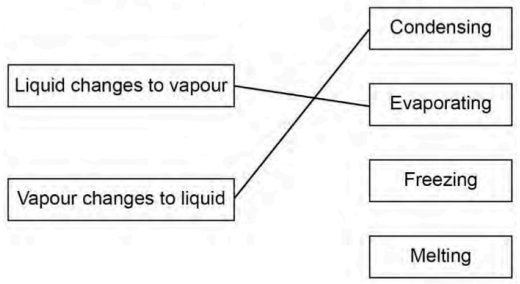
04.3	(because) **C** is insoluble **or** (because) **C** does not dissolve (in water)		1	AO3 5.1.1.2
	(whereas) **D** is soluble **or** (whereas) **D** dissolves (in water)		1	

A7. (2024)

A)

04.4	(fractional) distillation	allow (simple) distillation	1	AO1 5.1.1.2

B)

04.6	**Description** / **Name of process**  do **not** accept more than **one** line from a box on the left		1 1	AO2 5.1.1.2 5.2.2.1

C)

04.7	the temperature of water at **K** is higher than at **J**		1	AO3 5.1.1.2

A8. (2024)

04.5	**G**		1	AO3 5.1.1.2