Correction Activity Two (state of matter)

Fill in the gap with the right words from the box bellow.

highest- structure- container- energy-temperature- shape- liquid- definite Intermolecular- critical- pressure- molecules- greater- melting- fluid- volume- constant- solid- triple.

A **liquid** is a nearly incompressible **fluid** that conforms to the **shape** of its **container** but retains a (nearly) **constant** volume independent of **pressure**. The **volume** is definite if the **temperature** and pressure are constant. When a **solid** is heated above its **melting** point, it becomes liquid, given that the pressure is higher than the **triple** point of the substance. **Intermolecular** (or interatomic or interionic) forces are still important, but the **molecules** have enough **energy** to move relative to each other and the **structure** is mobile. This means that the shape of a liquid is not **definite** but is determined by its container. The volume is usually **greater** than that of the corresponding solid, the best known exception being water, H_2O. The **highest** temperature at which a given liquid can exist is its **critical** temperature.