

Activity Worksheet

Challenging brain

Sub : Science

Grade: IX

Date:

Name:

ID No.....

Word Box

[A] Topic: Matter

Directions: Complete the paragraph below by choosing the words from the word box in the spaces provided. Be sure to spell each word correctly.

fire	five	chemical	mass
living	space	physical	universe

Matter is anything that possesses _____, occupies _____ and the presence of which can be realised by one or more of our five senses. Anything in this _____ is made up of material which scientists have named matter. Early Indian philosophers classified matter in the form of _____ basic elements—the Panch Tatva—air, earth, _____, sky and water. According to them, everything, _____ or non-living was made up of these five basic elements. Thousands of kilometres away, in an entirely different continent, Greek philosophers also came to a similar conclusion. Modern day scientists have evolved two types of classification of matter based on their _____ properties (solid, liquid and gas) and _____ nature (element, compound and mixture).

[B] **Direction:** Complete the diagram summarising the relationships between the three states of matter. You should use words from the following list to label the diagram.

evaporation	freezing	melting	condensation
sublimation	sublimation		

