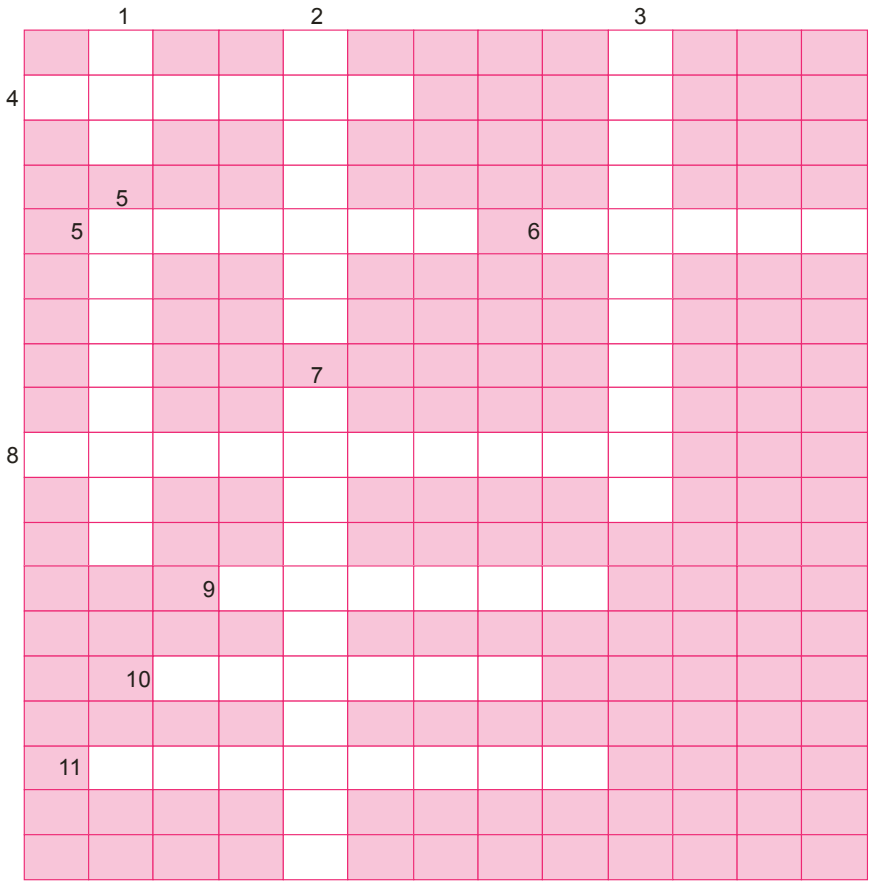
Activity Worksheet

Challenging brain

Sub : Science **Grade: IX** **Date: .....**

Name: ..... **ID No.....**

Crossword—Puzzle



Across

4. Anything that has mass and occupies space

5. The process of melting a solid into liquid state

6. _____ as definite shape and volume

8. The intermixing of particles of two different types of matter on their own

9. _____ as definite volume but no definite shape

10. The fourth state of matter consists of super energetic and super excited particles

Down

1. _____ has neither a definite shape nor a definite volume

2. Mass per unit volume

3. The phenomenon of change of a liquid into vapours at any temperature below its boiling point

5. The process in which a substance in liquid state changes to its solid state

7. A change of state directly from solid to gas without changing into liquid state or vice-versa

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