## States of Matter

| 1<br>M         | A | Т              | Т | Е              | R |   |   |        |   |   |   |   |
|----------------|---|----------------|---|----------------|---|---|---|--------|---|---|---|---|
| Е              |   |                |   |                |   |   |   |        |   |   |   |   |
| 2<br>L         | I | Q              | U | I              | D |   |   | 3<br>Е |   |   |   |   |
| Т              |   |                |   |                |   |   |   | V      |   |   |   |   |
| I              |   | <sup>4</sup> S | U | <sup>5</sup> В | L | I | M | A      | T | I | О | N |
| N              |   |                |   | О              |   |   |   | P      |   |   |   |   |
| <sup>6</sup> G | A | 7<br>S         |   | I              |   |   |   | О      |   |   |   |   |
|                |   | О              |   | L              |   |   |   | R      |   |   |   |   |
| 8<br>M         | Е | L              | Т | I              | N | G |   | A      |   |   |   |   |
|                |   | I              |   | N              |   |   |   | Т      |   |   |   |   |
|                |   | D              |   | G              |   |   |   | I      |   |   |   |   |
|                |   |                |   |                |   |   |   | О      |   |   |   |   |
|                |   | 9<br>F         | R | Е              | Е | Z | I | N      | G |   |   |   |

## **Across**

- 1. Anything that has mass and occupies space.[6]
- 2. State where particles take the shape of the container and have a definite volume.[6]
- 4. Change from a solid to a gas and vice versa.[11]
- 6. State where particles take the shape of the container and do not have a definite volume.[3]
- 8. Change from solid to liquid.[7]
- 9. Change from a liquid to a solid.[8]

## Down

- 1. Temperature at which a solid changes to a liquid is its \_\_\_\_ point.[7]
- 3. Change from a liquid to a gas.[11]
- 5. Temperature at which a liquid changes to a gas is its \_\_\_\_\_ point.[7]
- 7. State which has a definite shape and volume.[5]