



مدارس الريادة العالمية
AL-REEYADA INTERNATIONAL SCHOOL



Cambridge Assessment
International Education
Cambridge Associate School



AL-REEYADA INTERNATIONAL SCHOOL
MAHASEN ARAMCO, AL-AHSA, KINGDOM OF SAUDI ARABIA



SCIENCE – 6



Lesson – The States of Matter

Worksheet – 1

NAME: _____ CLASS: _____ DATE: _____

PAPER – 2

II. Fill in the blanks.

1. As the space has a few particles in it that are spread out over a great distance from each other means that it is a _____.
2. Objects can't be slowed down, if there is no _____.
3. Otto von Guericke made an _____ to test his ideas of vacuum.
4. Hydrogen forms stars and changes to _____ inside them.
5. A burning splint stops burning when it is brought near _____ gas.
6. The particles in solids don't change position but _____ backwards and forwards about one position.
7. Chemical tests can be done to identify some _____.

PAPER – 4

III. Define the following term.

i) Vacuum

Ans: _____

IV. Answer the following questions:

1. Why sound doesn't pass through vacuum? Who discovered it and how?

Ans: _____

_____.

2. Why is space a 'partial vacuum' and not a 'perfect vacuum'?

Ans: _____

_____.

3. Describe the arrangement, separation and motion of particles in solids, liquids and gases.

| States | Solids | Liquids | Gases |
|--------------------|---------------|----------------|--------------|
| Arrangement | | | |
| Separation | | | |
| Motion | | | |

PAPER – 6

V. Determine the tests and results for identifying the following gases:

| Gas | Test | Result |
|----------------|------|--------|
| Carbon dioxide | | |
| Oxygen | | |
| Hydrogen | | |

VI. Identify the following:

