

## Science -(086)

### Movers 2

**Book Name** – Success with Science Ahead

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**Publisher** – Orient Black Swan

#### Unit Test-I

Activity	Name	Teaching Strategy	Learning Outcome	Weightage
Pen Paper Test	Ch-1 Nutrition in Plants Ch-2 Nutrition in Animals Ch-6 Physical and Chemical Changes Ch-7 Acids, Bases and Salts Ch-9 Soil	-Active Learning  -Critical Thinking  -Discussion strategies  -Interdisciplinary teaching	-Understand various methods of nutrition - Understand process of nutrition and digestion in organisms -Study about various organic and inorganic substances and their real life application -Knowledge of soil structure and need for its conservation	10

**Copy Assessment (5 Marks)**

**Practical lab work (5 Marks)**

#### Half Yearly

Chapters	Teaching Strategy	Learning Outcome	Weightage
Ch-8 Weather , Climates and adaptation Ch-15 Wind, Storms and Cyclones Ch- 17 Water Ch-18 Forests Our lifeline Ch-19 Waste Water Management	Inclusive learning  Enquiry guided learning  Experiential learning	-Climatic changes in everyday life and natural phenomenon -Develop awareness about uses of Natural resources and their conservation - Problems of waste accumulation management.	80

**Half Yearly will include Ch- 1,2,6,7,8,9,15,17,18,19**

## Unit Test-II

Activity	Name	Teaching Strategy	Learning Outcome	Weightage
Pen Paper Test	Ch- 3 Animal Fibres	Learner centered teaching	- Concept building about animal fibres	<b>10</b>
	Ch 4 Heat and its Effects	Inclusive education	- Understand about temperature	
	Ch 5 Transfer of heat	Team teaching	- Learn about modes of heat transfer	
	Ch- 10 Respiration		- Understand mechanism and necessity of respiration	
	Ch-14 Light		- Understand various types of mirrors and lenses and their uses.	

**Copy Assessment (5 Marks)**

**Practical lab work (5 Marks)**

## Yearly

Chapters	Teaching Strategy	Learning Outcome	Weightage
Ch- 11 Transport in animals and plants Ch-12 Reproduction in Plants Ch-13 Time and Motion Ch-16 Electric currents	Experiential learning Enquiry guided learning Ability based learning	-Understanding structure and working of circulatory ,excretory system and reproductive system in organisms -Understanding concept of measuring time and speed - Importance of electricity	<b>80</b>

**Yearly will include Ch:3, 4, 5,7,8,9,10 , 11, 12, 13, 14, 16,17,18,19**

### **Activities to be conducted during the session**

- ✓ To determine absorption capacity of various fibers.
- ✓ To study adaptation of plant and animal in various habitats.
- ✓ To make a temperature graph.
- ✓ Audio Visual based worksheet
- ✓ To make a stomatal slide
- ✓ To make an electromagnet
- ✓ Measure speed of wind by making an anemometer
- ✓ To study major kinds of soil found in India.
- ✓ To study deposition of copper on iron nails
- ✓ To study radiation from different surfaces