

F.1 Junior Form Science Curriculum (2026-2027)

CYCLE	Topics
1	OUP Junior Secondary Science Book 1A 1.1 Learning about science 1.2 Practice of science
2	1.3 Safety in the laboratory
3	1.4 Laboratory apparatus and basic practical skills
4	2.1 Change in states of water
5	2.2 Water cycle
6	2.3 Dissolving 2.4 Water purification
7	2.4 Water purification
8	2.5 Further treatment of drinking water 2.6 Water conservation and pollution
9	3.1 Living things
10	3.2 Grouping of living things 3.3 Identification key
11	3.4 Biodiversity

CYCLE	Topics
14	OUP Junior Secondary Science Book 1B 4.1 Cells
15	4.2 From a single cell to a multicellular organism
16	4.3 Sex cells and reproductive systems
17	4.4 Sexual maturity and birth of a new life
18	4.5 Becoming parents 4.6 Heredity and variation
19	5.1 Energy changes
20	5.1 Energy changes
21	6.1 Matter and particle theory
22	6.2 Particle model 6.3 Dissolving
23	6.4 Thermal expansion and contraction 6.5 Gas pressure
24	6.6 Density
25	Revision
26	

F.2 Junior Form Science Curriculum (2026-2027)

CYCLE	Topics
1	OUP Junior Secondary Science Book 2A 7.1 Air 7.2 Photosynthesis
2	7.2 Photosynthesis
3	7.3 Respiration 7.4 Gas exchange in plants
4	7.5 Gas exchange in animals
5	7.5 Gas exchange in animals 7.6 Balance of oxygen and carbon dioxide in Nature
6	7.7 Air quality 8.1 Simple circuit
7	8.2 Current 8.3 Voltage
8	8.4 Resistance
9	8.5 Electrical circuits
10	8.6 Household electricity
11	8.6 Household electricity

CYCLE	Topics
14	OUP Junior Secondary Science Book 2B 9.1 Common acids and alkalis 9.2 Distinguishing acids and alkalis
15	9.3 Neutralization
16	9.4 Corrosive nature of acids 9.5 Acid rain
17	9.6 Potential hazards related to the use of acids and alkalis 10.1 Senses and sense organs
18	10.2 Sight
19	10.2 Sight
20	10.3 Hearing
21	10.6 Brain and our senses 11.1 Motion
22	11.1 Motion
23	11.2 Effects of forces and ways to describe forces 11.3 Balanced forces and free-body diagrams
24	11.4 Gravity 11.5 Friction and air resistance
25	11.6 Action and reaction
26	11.7 Space Flight