

Working with Life Forms

Consumables- Agriculture & Gardening

S. No.	Item	Specifications	Quantity
1	Black jaggery	To be used in organic fertilizers / Fertilizers at Home	1 kg
2	Cocopeat	blocks of 1 kg	2
3	Common edible salt	Kitchen salt	1 kg
4	Cow dung (needs to be collected before the practical)	To be used in organic fertilizers / Fertilizers at Home	2 kg
5	Cow urine (needs to be collected before the practical)	To be used in organic fertilizers / Fertilizers at Home	1 lit
6	Earthworms	For vermicomposting, to be collected prior to practical	As required
7	First aid kit	basic kit having necessary item like bandages, ointment, sanitizer, band aid, cotton roll etc. only	1
8	Grafting tape	Bundle of elastic tape 1 inch width	1
9	Green leaf manuring	(trainer to check within the vicinity of school site)	As required
10	Gunny bag	3 x 2 ft dimension	2
11	Markers (3-4 colours) etc.	Markers (5 each for 3-4 colours)	10
12	Mask	box of 100 masks (disposable)	1 set
13	Neem leaves	To be used in organic fertilizers / Fertilizers at Home	As required
14	Nursery bags	5x7 inch, 50 microns (250gm)	40

15	Organic compost or fertilizers (optional)	compost/vermicompost	2 kg
16	Plant saplings (Mango, Jamun, Rose, Duranta, Hibiscus, money plant etc.)	for practical of plant propagation	1 each
17	PVC pipe	3-inch diameter and 5 ft long piece	1
18	Rice bran	To be used in organic fertilizers/ Fertilizers at Home	As required
19	Rooting hormone powder	100 gm bottle	1
20	Sand		As required
21	Seeds (To be selected based on the geographical location)	Raw seeds of Maize and Spinach	Maize 250 gm and Spinach 50 gm
S. No.	Item	Specifications	Quantity
22	Soil samples (sand, clay, silt, loam)	It can be collected from the school garden.	As required
23	Sphagnum moss	Dry moss for air layering	250 gm
24	Used Newspaper		As required

*Quantity (for a class of 40 students)

Advanced Tools for Specialisation (refer to curriculum)

S. No.	Item	S. No.	Item
1	Automatic shade system	15	Planting board
2	Crowbar	16	Pruning knife
3	Dibbler	17	Radiation measuring instrument
4	Digging fork	18	Rope
5	Digital electric temperature indicator	19	Sprayer

6	Duster	20	Sprinkler
7	Fan	21	Temperature & humidity control system
8	Fogging & Blackout	22	Thinning scissors
9	Garden hatchet	23	Transplanting travel
10	Hand cultivator	24	Trenching hoe
11	Lux/light meter	25	Ventilator
12	Misting	26	Water can
13	Mobile benches	27	Weeding fork
14	Pad	28	Wheel hoe

*** Quantity (for a class of 40 students)**

As per CBSE Guidelines*