

Samagra Shiksha – Tamil Nadu

Supply and delivery of Sports & Physical Education Equipment Sets to Schools for the year 2021-2022

**(37,391 SETS SPORTS & PHYSICAL EDUCATION EQUIPMENTS
FOR GOVT. SCHOOLS for the year 2021-22)**

ANNEXURE – I

24266 sets of Sports & Physical Education Equipment for Primary Schools

S. No.	Equipment list for Primary(Class 1 - 5)	Quantity Suggested per School	Technical Specification
1	Plastic Cricket bat - size 2	2	Height: 75 - 80 cm, Width 9 - 10 cm
2	Wooden cricket bat - size 4	1	The overall length of the bat: not more than 75.5 cm. The blade of the bat: Not exceeding 9.5 cm at the widest part.
3	Cricket stump set	1	Height of stumps: 71. 1 cm (28") Diameter of stumps: 3.49 cm – 3.81 cm
4	Soft Ball (small)	1	Circumference: 30.5 cm Weight: 177 -198 grams
5	Tennis ball	4	Diameter: 6.54–6.86 cm Weight : 56.0–59.4 g
6	Plastic Balls	10	Size: 6.5 cm
7	PU hand stitched football -size 3	1	Weight : 300 .340 grams Circumference :58.5 – 61 cm
8	Basketball - size 3	1	Weight : 285 grams Circumference :55.88 cm
9	Rugby soft	1	Length – 255mm Circ Length – 680mm Circ Girth – 540 mm Weighs 290 grams
10	Frisbee	1	Size:20 - 25 cm
11	Multi coloured hula hoops	3	Size: 75 -80 cm
12	Saucer cone	10	Size: 6 - 10 cm
13	Bean bags	4	Length:125 cm, Width:100 cm
14	Bean - scarf	5	Length: 20 cm, multi coloured
15	6" step hurdle	3	Length: 55 -60 cm, Width: 35 -40 cm
16	12ft. parachute	1	Diameter: 3.66 mts, Multi coloured
17	Foot pump Basket ball - size 3	1	Length: 30 - 35 cm

18	Shot Put (rubber)	1	Weight: 1 kg
19	Discus (rubber)	1	Weight: 1 kg
20	Foam Javelin	1	Length: 90 cm, Weight: 150 -160 grams

6948 sets of Sports & Physical Education Equipment for Middle Schools

S. No.	Equipment list for Middle schools (Class 6-8)	Quantity Suggested per School	Technical Specification
1	Shot Put (Rubber)	1	2 kg
2	Discus (Rubber)	1	1 kg
3	Skipping Rope	5	Length: 2.5 - 3.00 mts
4	Wooden cricket bat - Size 4	2	The overall length of the bat : not more than 75.5 cm The blade of the bat: Not exceeding 9.5 cm at the widest part.
5	Tennis Ball	6	Diameter: 6.54–6.86 cm Weight 56.0–59.4 g
6	PU volleyball - size 4	2	Circumference: 65-67 cm Weight: 260-280 g. Inside pressure: 0.30 to 0.325 kg/cm ² (4.26 to 4.61 psi)
7	Volleyball net	1	The height of the net is 2.43 m for men and 2.24 m for women. The net is 1 m wide and 9.50 to 10 meters long (with 25 to 50 cm on each side of the side bands), made of 10 cm square black mesh. At its top a horizontal band, 7 cm wide, made of two-fold white canvas, is sewn along its full length. At the bottom of the net there is another horizontal band, 5 cm wide, through which is threaded a rope.
8	Handball Size 1 - (50-52 cm)	2	Ball weight:290-330 grams Circumference:50-52 cm
9	Throw ball	2	Ball shall be spherical made of leather or rubber. Weight : 400-450 grams, circumference : 70-72 cm
10	Rugby ball - Senior, Size 4	1	Length – 275mm Circ Length – 720mm Circ Girth – 555mm Weighs 410-460 grams

11	Basketball - Size 5	1	Weight : 395 to 455 grams Circumference : 68.55 – 70.49 cm
12	PU hand stitched football - Size 4	2	Weight : 340 to 370 grams Circumference :63.5 - 66 cm
13	Frisbee	2	Size:26 - 30 cm
14	Agility ladder	1	Length – 3 mts, Width: 40 - 45 cm
15	6" step hurdle	2	Length: 55 -60 cm, Width: 35 -40 cm
16	9" step hurdle	2	Length: 65 -75 cm, Width: 45 -50 cm
17	Marking cones with numbers 1 to 9	9	Height: 20 -25 cm, Width: 12 -15 cm
18	Marking Cone 12"	4	Height: 30.48 cm, Width: 17 -20 cm
19	Saucer cone	20	Size: 11 - 15 cm
20	Nylon bibs - Green	11	Size: 70 – 85
21	Foot pump	1	Length: 40 -45 cm
22	First Aid kit	1	10 Essential Items

**6177 sets (3,120 + 3,057) of Sports & Physical Education
Equipment for High/Higher Secondary Schools**

S. No.	Equipment list for HS & HSC (Class 9 - 12)	Quantity Suggested School	Technical Specification
1	Skipping Rope	6	Length: 3.00 - 3.50 mts
2	Shot Put (Rubber)	4	Weight: 4 kg
3	Discuss (Rubber)	4	Weight: 2 kg
4	Badminton Racket	6	Frame: Not exceeding 68 cm in overall length and 23 cm overall width. Weight: not exceeding more than 200 grams. Stringed area: Not exceeding 28 cm in overall length and 22 cm in overall width.
5	Badminton Shuttle	20	The shuttle shall be made of natural and / or synthetic materials. The shuttle shall have 16 feathers fixed in the base. The feathers shall have a uniform length between 62 mm to 70 mm when measured from the tip to the top of the base. The tips of the feathers shall lie on a circle with a diameter from 58 mm to 68 mm. The base shall be 25 mm to 28 mm in diameter and rounded on the bottom. The shuttle shall weigh from 4.74 to 5.50 grams.

S. No.	Equipment list for HS & HSC (Class 9 - 12)	Quantity Suggested School	Technical Specification
6	Wooden cricket bat - size 6	4	The overall length of the bat : not more than 80.65 cm The blade of the bat: Not exceeding 10.1 cm at the widest part.
7	Tennis Ball	20	Diameter: 6.54–6.86 cm Weight:56.0–59.4 g
8	Throw ball	2	Ball: Ball shall be spherical made of leather of rubber. Weight : 400-450 grams, circumference : 70-72 cm
9	PU volleyball - size 4	3	Circumference : 65-67 cm Weight: 260-280 g. Inside pressure : 0.30 to 0.325 kg/cm ² (4.26 to 4.61 psi)
10	Volleyball net	1	The height of the net is 2.43 m for men and 2.24 m for women. The net is 1 m wide and 9.50 to 10 meters long (with 25 to 50 cm on each side of the side bands), made of 10 cm square black mesh. At its top a horizontal band, 7 cm wide, made of two-fold white canvas, is sewn along its full length. At the bottom of the net there is another horizontal band, 5 cm wide, through which is threaded a rope.
11	Handball size 1 – (50 - 52 cm)	2	Ball weight:290-330 grams Circumference:50-52 cm
12	Basketball - Size 7	2	Weight : 624 grams Circumference : 74.93 cm
13	Rugby ball - senior	2	Length – 280 - 300 mm Circ Length – 740 - 770mm Circ Girth – 580 - 620 mm Weights 430-460 grams
14	PU hand stitched football - size 5	4	Weight : 410 – 450 grams Circumference : 68 to 70 cm Inside pressure : 0.6 – 1.1 seeding atmosphere at sea level
15	Pop Up Football goal post - Big	2	Height 125 cm, Width 75 cm

S. No.	Equipment list for HS & HSC (Class 9 - 12)	Quantity Suggested School	Technical Specification
16	Football goal post 6 feet X 3.5 feet	2	Height of the goal post is 2.44 m Width of the post is 7.32 m.
17	Foot Pump	2	Length: 50 - 55 cm
18	First Aid kit	1	12 Essential Items
19	Frisbee	2	Size:31 - 35 cm
20	Saucer cone	40	Size: 16 - 20 cm
21	Agility ladder	2	Length – 5 mts, Width: 46 - 50 cm
22	9" step hurdle	6	Length: 65 -75 cm, Width: 45 -50 cm
23	12" step hurdle	6	Length: 60 -100 cm, Width: 60 -75 cm
24	Relay batons	3	The relay baton shall be a smooth hollow tube, circular in section, Made of wood, metal or any other rigid material in one piece, the length of which shall be 280 to 300 mm. The outside diameter shall be 40 mm (+ 2 mm) and it shall not weigh less than 50 g.
25	Marking cones with numbers 1 to 9	9	Height: 26 -30 cm, Width: 15 -18 cm
26	Marking Cone 12"	4	Height: 30.48 cm, Width: 17 -20 cm
27	Nylon bibs - Green	11	Size: 85-100 cm