

No.	Name of Material	Material Attribute	Quantity	Specification	Tools / Technique	Use in Model
1	Wood veneer	Wooden base: 29.7 * 42 cm (A3 size); wooden boards: 11 cm diameter circles; 10 * 7.6 cm semi-circular ring	Base * 1 Board (circular) * 4 Board (ring) * 2	Thickness: 3mm; Sand the edge with sandpaper	Laser cutting, hand-saw	Wooden base, main building floor and ceiling, 2nd floor platforms
2	Foam board	Cylinder: 7 * 11 * 11 cm; Slope: 19 * 14 * 1.5 cm	Cylinder * 1 Slope * 1	Blue	Hot wire cutter, sandpaper, file, belt sander	Main building 2nd floor base, grey slope
3	Model trees	Small trees: 3 * 3 * 4 cm; large trees: 6 * 6 * 10 cm	Small * 10 Large * 2	Green	Scissors, White glue	Side greenery
4	Wood sticks	0.5 * 0.5 * 6 cm	Sticks * 12	Cube	Hand-saw, sandpaper	1st floor support shafts
5	Wood strips	1.5 * 1 cm; 6 * 1 cm; 9 * 1 cm	1.5cm * 29 5cm * 30 9cm * 8	Rectangular	Hand-saw, sandpaper	Staircase, decoration, exhibition stands
6	Grass powder	30 ml	1	Green	White blue	Grass texture
7	Cellophane sheet	11 cm diameter circle	1	Transparent	Scissors	Transparent ceiling effect
8	PLA filament	Various sizes	1	Grey, White	3D printer, 3D printing pen, sandpaper	3D printed: desks, chairs, benches, slide, bookshelf, dog toys, easels, bird feeder, climbing rope
9	Super light clay	/	1	Grey	Hand shaping	Grey slope shaping
10	Pigment	Yellow, brown, blue, grey	1	Use brush to paint on the surface	Paintbrush, water	Building exterior, second floor, lake and wooden base coloring
11	PVC sheet	7 * 4 cm; 4 * 4 cm	3	White, pliable	Scissors	Building 2nd floor walls
12	Bricks	1.3 * 0.8 cm	23	Red brown	Glue gun	Lake edge protection
13	Rocks	Various sizes	1 path	White, brown	Glue gun	Lake rock decoration
14	Tinfoil	/	1	Sliver	Hot melt glue gun, scissors	Distorted mirror feature
15	Watercolour glue	/	1	Blue, green	Paintbrush	Lake water effect
16	Battery	1 unit	1	Power Supply	Wiring	Power supply for lighting system
17	Switch	1 unit	1	Red	Wiring	Control for lighting system
18	Wire	Various lengths	4	Red and Black	Wiring	Electrical connection for LEDs
19	LED light strip	19 cm	1	White light	Wiring, scissors	Lighting system
20	Human figures	2.2cm * 0.5cm	5	Various shapes	Glue gun	Scaled the proportion