

Material	Specification	Quantity	Check
Planetarium			
Cardboard	74 x 115 cm board, 3 mm thick, for the dome	75 boards	<input type="checkbox"/>
Cardboard	80 x 120 cm board, 5 mm thick, for the base	14 boards	<input type="checkbox"/>
Cardboard tubes	120 cm length, used like a pillar in the base	7 tubes	<input type="checkbox"/>
Clips	32 mm width	390 units	<input type="checkbox"/>
Ink	4 L, white color	1 gallon	<input type="checkbox"/>
Paint roller	5 cm size	1 unit	<input type="checkbox"/>
Paint tray	to mix the ink, any size	1 unit	<input type="checkbox"/>
Agrotextil	1.6 x 20 m, 50 g/m ²	1 roll	<input type="checkbox"/>
Optical System			
Fisheye lens	lens with f3.5 and 8 mm focal length	1 unit	<input type="checkbox"/>
50 mm lens	50 mm lens with f1.8 and adapted for CANON and large aperture cam	1 unit	<input type="checkbox"/>
PLA filament	to print the lens support	1 roll	<input type="checkbox"/>
Flat mirror	4 x 4 cm, inner the structure of the optical system	1 unit	<input type="checkbox"/>
Threaded rod	6 mm thick	2 meters	<input type="checkbox"/>
Nuts	nuts for the threaded rod	20 units	<input type="checkbox"/>
Computacional Part			
LED projector	4,000 Lumens Full HD 1080p LED projector	1 unit	<input type="checkbox"/>
Laptop	computer to use the softwares	1 unit	<input type="checkbox"/>
Speakers 5 W	necessaire for the audience understand the videos	1 pair	<input type="checkbox"/>
General Stuff			
Small fan	to make the air circulation inside the planetarium	1 unit	<input type="checkbox"/>
Cutter	to cut the triangles and anythink else	2 units	<input type="checkbox"/>
Duct Tape	to join base parts	1 unit	<input type="checkbox"/>
Fita de Sinalização	usada para demarcar a zona de proteção interna da base	1 unidade	<input type="checkbox"/>
Pen marker	different colors pen marker	1 pack	<input type="checkbox"/>
Pen	ordinary pen	2 units	<input type="checkbox"/>
Ruler	100 cm length	1 unit	<input type="checkbox"/>
Scissors	ordinary scissor	1 unit	<input type="checkbox"/>