

JESUS' SACRED HEART SCHOOL

TASK PLANNER

CLASS – VI

Theme : GRADE VI – The Smart Waste Management Challenge

SUB	TOPIC	NATURE OF TASK	REQUIRED MATERIAL (To be sent from home)	CLASS/HOME WORK
Science + Mathematics + Engineering (Group activity)	Design a Smart Waste Segregation Station	Students will design and build a waste segregation station using recycled materials. The model should have two labelled compartments—Biodegradable and Non-biodegradable—and include a simple engineering feature such as a flap, sliding lid, or colour-coded opening. Students will measure the length and breadth of each compartment, calculate its area and perimeter, and explain how their design helps in easy and effective waste segregation.	A4 Size Sheet, Cardboard box/carton, ruler, glue, scissors, coloured paper, recycled material	To be done in class.
English + Social Science (Individual Activity)	The Smart Waste Journey	Students will create a flowchart illustrating how waste is managed in a village—from households → waste segregation → collection by sanitation workers → composting/recycling → safe disposal. They will also write an article (80–100 words) highlighting the role of the Gram Panchayat and responsible citizens in maintaining a clean and sustainable village	A4 sheets, pencil, colours, pen ,Picture cut outs	To be done in class.
Hindi (Individual Activity)	Paragraph Writing– स्वच्छता अभियान	Students write a short paragraph (100-120 words) describing a cleanliness drive organized by their city, mentioning people's participation and its impact.	A4 sheets, pencil, colours, pen	To be done in class
Punjabi (Individual Activity)	ਇੱਕ ਵਸਤੂ ਦੀ ਕਹਾਣੀ Story telling	Students will imagine themselves as an object (e.g., a plastic bottle, paper, or banana peel) and narrate a 1–2 minute story about their journey from waste to being recycled, reused, or composted. Highlight how proper waste disposal helps protect the environment.	- -	To be prepared at home and presented in class.
Technology (Individual Activity)	Design a Smart Dustbin Digitally	Students will create a digital presentation illustrating a Smart Dustbin. They will explain features such as sensors for automatic lid opening, voice-guided waste segregation, waste-level indicators, or QR-code recycling information. Students may use Canva, PowerPoint, or Google Slides to present their ideas visually.	-	To be mailed at official email id that will be shared by Class incharge.