Project day/ Date – 27th October 2026, Tuesday

Cir No. :-JSHS/0609/1026 **Date : 13.10.26**

JESUS' SACRED HEART SCHOOL

TASK PLANNER

CLASS – IX- X

Grade IX-X Smart Waste Management System

Subject	Topic	Nature of Task	Required Material	Class/Home Work
Science + Technology (Individual Activity)	**Design a Zero-Waste Plan**	Students will identify 3 common types of waste generated at home and briefly write a report on its environmental impact. They will then create a digital poster showing: Waste Problem → Environmental Impact → Reduce/Reuse/Recycle Solution → Expected Result.	A4 size sheet, stationery	Digital activity to be completed at home and submitted through the official class email ID. Report to be done in class.
Social Science + English (Pair Activity)	**Voice of a Waste-Free City –Podcast**	Students will choose any one Urban waste issue and present a 1–2 minute podcast. Students may take the roles such as Anchor, Environmental Expert, Citizen, Waste-Management Worker or a Local Government Representative. The podcast may cover causes of increasing urban waste, its impact on the environment, role of citizens and local government, and suggest practical solutions for creating a waste-free city.	-	Content to be prepared at home and presented in class.
Engineering + Mathematics (Pair Activity)	**Smart Waste-Segregation Unit**	Students will design and build a low-cost waste-segregation unit using reusable materials. They will measure its dimensions and calculate the radius/diameter, circumference and area of circular parts. They will label the unit and explain how it works.	Measuring tape, ruler, discarded/reusable materials, cardboard, coloured paper, glue, etc.	To be designed and built in class.
Punjabi /Hindi(Individual Activity)	**Article Writing**	Students will write an Article letter in Punjabi/Hindi highlighting a waste-management problem in their locality and suggesting 2–3 practical measures for proper waste segregation, recycling and disposal.	A4 size sheet, sketch pens.	To be done in class.