VASISHTHA GENESIS SCHOOL, BARDOLI
(Academic Session: 2025-26)
DIWALI ASSIGMENT

Class - 06

Theme	A visit to the Bardoli Railway Station

English Science & Social Studies	Write a short report on the topic **"The Invention of Engines – Then and Now."** Your report should include the following points:
	
	1. **Invention of the Engine:**
	   o Who invented the first engine?
	   o When and why was it invented?
	   o What were its early uses?
	2. **Comparison Table: Steam Engine vs. Modern Engine**
	   o Create a simple table comparing steam engines and modern engines.
	   o Compare them based on fuel, speed, use, pollution, and efficiency.
	3. **Impact on the Environment:**
	   o How do engines affect the environment in the past and now?
	   o Are modern engines more eco-friendly?
	4. **Latest Engine Technologies:**
	   o Mention new engine types (e.g., electric or hybrid engines).
	   o How are they different or better than older engines?
	5. **Bullet Train and Maglev Train:**
	   o What type of engine or technology do they use?
	
	Explain the principle behind how they work (e.g., magnetic force, high-speed systems).
	(Use A4 size colourful sheets or project papers)

2 Lang- Hindi 2Lang-Gujarati	विद्यालय द्वारा आयोजित गतिविधि "रेलवे स्टेशन की यात्रा" के दौरान रेलवे अधिकारी और विद्यार्थियों के बीच हुई बातचीत / चर्चा का संवाद लेखन लगभग 20 से 25 पंक्तियों में लिखिए। **OR** શાળા દ્વારા યોજવામાં આવેલ પ્રવૃત્તિ -"રેલવે સ્ટેશનની મુલાકાત "દરમિયાન રેલ્વે અધિકારી અને વિદ્યાર્થીઓ વચ્ચે થયેલી વાતચીત/ ચર્ચા નો સંવાદ લેખન આશરે 20 થી 25 લાઈનમાં લખો. (Use A4 size colourful sheets or project papers)
Mathematics	You have learned about how mathematics is used in our daily life. During a visit to the railway station, we observe many real-life situations involving time, distance, speed, tickets, and money. Create three-word problem sums based on a railway station visit. Show your complete working and write the final answers clearly. For e.g. The ticket fare from Ahmedabad to Mumbai is ₹850 for one adult and ₹450 for one child. A family of 2 adults and 3 children is travelling together. Find the total cost for the tickets. (Use A4 size colourful sheets or project papers)

Instructions:
Submission of all assignment will be between 10-11-2025 Monday to 13-11-2025 Thursday.
Internal Marks will be given based on completion and the timely submission of assignments.